BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Continue Implementation and Administration of California Renewables Portfolio Standard Program.

R. 06-05-027 (Filed May 25, 2006)

(U 39 E)

RENEWABLES PORTFOLIO STANDARD AUGUST 2008 SEMI-ANNUAL COMPLIANCE REPORT AND PROJECT DEVELOPMENT STATUS REPORT OF PACIFIC GAS AND ELECTRIC COMPANY (U 39-E) (PUBLIC VERISON)

I. INTRODUCTION

Pacific Gas and Electric Company ("PG&E") hereby submits the attached Renewables Portfolio Standard ("RPS") August 2008 Semi-Annual Compliance Report ("Compliance Report") and Project Development Status Report ("Project Development Status Report") (collectively the "Reports") in accordance with Decision ("D.") 06-10-050, D.06-05-039, the March 12, 2007 Administrative Law Judge's Ruling Adopting Standardized Reporting Format, Setting Schedule for Filing Updated Reports and Addressing Subsequent Process, and the July 23, 2008 letter from the Executive Director granting an extension of the due date for the Reports.

On July 18, 2008, PG&E, Southern California Edison Company, and San Diego Gas & Electric Company requested that the August 1, 2008 due date for submission of the Reports be extended to August 15, 2008. This request was granted by letter from the Executive Director on July 23, 2008 for all RPS-obligated load serving entities ("LSEs").

PG&E's Compliance Report and Project Development Status Report are attached hereto as Appendices A and B, respectively. The Reports are in the required standardized reporting format, and, as required by the Executive Director's July 23, 2008 letter, are being filed with the Energy Division Director and served on the service list. The Reports are submitted in confidential form to the Energy Division Director, accompanied by a confidentiality declaration to protect the confidential data therein, and are served in redacted form on the service list.

II. SUMMARY OF THE REPORTS

As demonstrated in the Compliance Report, PG&E is in compliance with its 2007 RPS requirements. Although 2007 deliveries were below the Annual Procurement Target ("APT"), the resulting deficit was covered by PG&E's Surplus Procurement Bank.

PG&E notes that it has updated the figure representing its total 2007 RPS-eligible procurement, as permitted by D.06-10-050. This figure differs from the figure reported in PG&E's March 2008 RPS Compliance Report submitted on March 26, 2008 ("March 2008 Compliance Report") due to: (1) a decrease in deliveries attributable to the Klondike III out-of-state wind facility, because total imports PG&E associated with the facility's generation were less than the facility's actual generation; and (2) a slight increase in deliveries from PG&E's three San Francisco solar photovoltaic facilities based on final meter read verifications. The updated total 2007 RPS-eligible

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¹ D.06-10-050 at 46 (providing that LSEs may update their March compliance reports "as necessary and reasonable").

procurement amount, which is lower than what PG&E reported in its March 2008 Compliance Report, is consistent with the 2007 RPS procurement report PG&E submitted to the California Energy Commission on May 1, 2008.

While PG&E's March 2008 Compliance Report forecasted 2008 deliveries to be in excess of the 2008 APT, current dry year conditions have reduced this forecast and will result in a procurement deficit. Nevertheless, PG&E still projects that it will be in compliance with its 2008 RPS target through use of its Surplus Procurement Bank to offset the anticipated procurement deficit. PG&E is projecting a procurement surplus in 2009, and thus also anticipates that it will be in compliance with its 2009 RPS target.

As explained in the Compliance Report, PG&E is currently projecting that it will meet the 20 percent by 2010 RPS goal using flexible compliance measures, including application of the Surplus Procurement Bank, deferral of 25 percent of the Incremental Procurement Target ("IPT"), and earmarking. PG&E has not previously relied on the latter two flexible compliance measures. With respect to earmarking, PG&E has earmarked future deliveries from specified executed contracts to its 2010 and 2011 APTs to satisfy projected deficits in those years. PG&E reserves the right, however, to earmark future deliveries from these specified contracts and from other executed contracts to other years, and to earmark future deliveries from other executed contracts to 2010 and 2011.

The Project Development Status Report attached as Appendix B provides information regarding the development and transmission status of each project, whether associated with an executed, shortlisted, or other contract under negotiation.

III. CHALLENGES TO ACHIEVING 20 PERCENT RENEWABLES BY 2010

Based on current assumptions and expectations for future deliveries, PG&E expects to achieve the 20 percent by 2010 RPS requirement using flexible compliance mechanisms. PG&E again notes, however, as it did in its March 2008 Compliance Report and as it has done publicly in other forums, that challenges remain that may stall or delay renewables development and delivery. These challenges, which are significant, include: (1) expiration of the federal Investment Tax Credit ("ITC") and Production Tax Credits ("PTC") at the end of 2008; (2) expiration of the California Property Tax Abatement ("PTA") in 2009; (3) transmission from renewable resource areas; (4) timing of permitting approvals and compliance with the California Environmental Quality Act ("CEQA") deadlines for facility project development for contracted-for but not yet built projects; and (5) potential project failure.

PG&E believes that it can still achieve the goal of 20 percent renewables by 2010 using flexible compliance measures, but only if the above-described challenges are addressed and resolved. PG&E is seeing challenges in achieving the 20 percent goal in particular with respect to the potential unavailability of the ITC and PTC and the lack of transmission. Extension of the ITC and PTC is essential to ensuring the financial stability of renewables developers, and siting and building new transmission, which takes years, is essential to connect new renewable resources to load.

PG&E has been taking, and will continue to take, actions to address the barriers that may make achieving the 20 percent by 2010 target infeasible. For example, PG&E is

making the case for extension of the ITC and PTC whenever and wherever possible, including before Congress, the State legislature, and energy policymakers and opinion leaders. It is working with the California Independent System Operator to help plan and develop interconnections with new renewable resources, and is a participant in the Renewable Energy Transmission Initiative to identify renewable resource areas and favorable transmission opportunities in California and other Western states, British Columbia and Baja California. PG&E also has a program in place to monitor the projects associated with its RPS contracts from contract execution to commercial operation, and works with the developers on a regular basis to assess the progress of each project.

Additionally, PG&E has signed and will continue to aggressively sign contracts consistent with RPS program requirements to come online by 2013, while ensuring that the interests of its customers are protected. Going forward, PG&E will continue to pursue every avenue to increase eligible renewable resource procurement, including

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through its general solicitations, bilateral negotiations, and further exploration of potential utility ownership.

Respectfully Submitted,

WILLIAM V. MANHEIM CHARLES R. MIDDLEKAUFF CORY M. MASON

By <u>/s/ Cory M. Mason</u> CORY M. MASON

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August 15, 2008

Appendix A: PG&E Renewable Portfolio Standard (RPS) Compliance Report

(Public Version)

DECLARATION OF VALERIE J. WINN SEEKING CONFIDENTIAL TREATMENT FOR DATA AND INFORMATION CONTAINED IN THE AUGUST 15 RPS COMPLIANCE REPORT (PACIFIC GAS AND ELECTRIC COMPANY - U 39 E)

I, Valerie J. Winn, declare:

- 1. I am presently employed by Pacific Gas and Electric Company ("PG&E"), and have been an employee at PG&E since 1997. My current title is Manager, Renewable Energy Policy and Planning, within PG&E's Energy Procurement organization. In this position, my responsibilities include managing renewable energy regulatory policy matters including RPS compliance. I also have extensive experience in PG&E's Regulatory Relations organization and have been involved in long-term procurement planning, renewables, QF, confidentiality and other procurement-related proceedings before the Commission. Through this experience, I have become familiar with the type of information that the Commission has indicated is confidential and gained knowledge about the types of information that electricity sellers consider confidential and proprietary.
- 2. To the best of my knowledge and experience and my understanding of the "Administrative Law Judge's Ruling Clarifying Interim Procedures For Complying With Decision 06-06-066," issued August 22, 2006 and Decision ("D") 08-04-023 issued April 10, 2008, I make this declaration seeking confidential treatment of certain data and information contained in the "RPS Compliance Report," submitted on August 15, 2008.
- 3. Attached to this declaration is a matrix identifying the data and information for which PG&E is seeking confidential treatment. The matrix specifies that the material PG&E is seeking to protect constitutes the particular type of data and information listed in Appendix 1 of D.06-06-066 and Appendix C of D.08-04-023 (the "IOU Matrix"). The matrix also specifies the

category or categories in the IOU Matrix to which the data and information corresponds, and why confidential protection is justified. Finally, the matrix specifies that: (1) PG&E is complying with the limitations specified in the IOU Matrix for that type of data or information; (2) the information is not already public; and (3) the data cannot be aggregated, redacted, summarized or otherwise protected in a way that allows partial disclosure. By this reference, I am incorporating into this declaration all of the explanatory text in the attached matrix.

I declare under penalty of perjury, under the laws of the State of California, that to the best of my knowledge, the foregoing is true and correct. Executed on August 15, 2008, at San Francisco, California.

/s/ Valerie Winn VALERIE J. WINN

1	PACIFIC GAS AND ELECTRIC COMPANY							
2	August 15, 2008 RPS Compliance Report							
3	IDENTIFICATION OF CONFIDENTIAL INFORMATION PER DECISION 06-06-066 AND D.08-04-023							
4	Date: August 15, 2008							
5								
6	Redaction Reference		categorie in the Matrix the data correspond to:	3) That it is complying with the limitations on confidentiality specified in the Matrix for that type of data (Y/N)	4) That the information is not already public (Y/N)	5) The data cannot be aggregated, redacted, summarized, masked or otherwise protected in a way that allows partial disclosure (Y/N)	PG&E's Justification for Confidential Treatment	Length of Time
7	Document: August 15, 200	8 RPS Compliance Repo		Υ	Y	Y		
8	Procurement Detail Tab: The proposed contract names; forecasted deliveries and resource types of all contracts identified under Project Status as "short-listed and/or under negotiation": spreadsheet rows 89, 104, 109, 111-115, 136-139, 298.	Y	Item VII - Score sheets, analyses, evaluations of proposed RPS projects.	Y	Y	Y	Describes confidential offers to sell electricity to meet PG&E's mandatory RPS requirement, and the offers PG&E will ultimately determine should proceed to negotiations. This constitutes information that falls under "score sheets, analyses, and evaluations of proposed RPS projects." These are proposed, rather than actual contracts, and thus not subject to the summary disclosure requirement of Item VII.F or G.	
	Procurement Detail Tab: Expiring Contracts Section: The names, resource types and forecast MWhs for QF contracts expiring are confidential (spreadsheet rows 157-276).	Y	Matrix Item IV- B - (Forecast of QF Generation (MWh))- The forecast information presented in this spreadsheet represents forecasted MWh for QF contracts. These QF contracts are renewable facilities that also count towards PG&E's RPS compliance goals. Item IV-B is therefore applicable since these are QF contracts with specific QF terms and conditions. The legal status of a QF contract is not impaired if it is also counted as a renewable facility under the RPS.	Y		the yearly aggregate of all QF forecasts.	Matrix Item IV-B of the IOU Confidentiality Matrix (Appendix 1 to D.06-06-066) provides that forecasts of QF generation are confidential for three years after the deliveries subject to the forecast. Even if the underlying resource is RPS-eligible, it should be eligible for confidential protection under an otherwise applicable category, on a case-by-case basis, because the justifications for confidential treatment may outweigh the public interest in RPS. In this case, identity and output of expiring QF contracts would be valuable to a potential purchaser of renewable power. If PG&E's existing portfolio assets can be identified for procurement by third parties, this may increase demand for each discrete generator and increase the price of QF generation.	
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BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Continue

Implementation and Administration of California

Renewables Portfolio Standard Program.

Rulemaking 06-05-027 (Filed May 25, 2006)

PACIFIC GAS AND ELECTRIC COMPANY
AUGUST 2008 SEMI-ANNUAL COMPLIANCE REPORT
PURSUANT TO THE CALIFORNIA RENEWABLES
PORTFOLIO STANDARD

WILLIAM V. MANHEIM
15-Aug-08 CHARLES R. MIDDLEKAUFF

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CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD

Reporting and Compliance Worksheet Instructions

- 1. California's RPS Program requires Investor Owned Utilities (IOU), Multi-Jurisdictional Utilities (MJU), and Electric Service Providers (ESP) file a minimum of two reports each year illustrating performance within the program.
 - > The March 1 report (with updates after the California Energy Commission (CEC) verifies procurement, as needed) is used by the Commission to determine compliance for the prior year(s). This report states historic performance in the RPS program, current year targets and procurement data, and forecasts targets and procurement data for at least three years (D.06-10-050, page 45, 49).
 - > The August 1 report states historic performance in the RPS program, current year targets and procurement data, and forecasts targets and procurement levels for each year forward through 2020 (D.06-10-050, page 45, 51). The August report may be used by the Commission to make a final determination of compliance for the prior year(s).
- 2. If any load serving entity (LSE) seeks confidentiality protection for any of the information required by the RPS Compliance Report, it shall comply with the substantive and procedural rules set forth in D.06-06-066, as modified by D.08-04-023, the Commission's decision in its Confidentiality proceeding, Rulemaking (R.) 05-06-040, and any subsequent decisions issued in the same or successor proceeding. A declaration for Confidentiality should include the identification of all redacted information by tab name and cell reference.
- 3. RPS compliance reports will be submitted to the Commission as specified below:
 - > Serve a public version on the service list in proceeding R.06-05-027
 - > File a confidential version with the Energy Division
- 4. Any questions regarding the completion and/or filing of this report can be directed to: Sean Simon, Energy Division, California Public Utilities Commission: svn@cpuc.ca.gov, (415) 703-3791
- 5. Please make sure that the following information about the filing entity is included on each tab:
 - > Name of the LSE filing the Report
 - > Date the Report is being filed
- 6. Include a Title Page in accordance with the Commission's Rules of Practice and Procedure (Rule 1.6)
- 7. Complete the Officer Verification Form in the format provided (Rule 1.11)
- 8. Yellow cells throughout the spreadsheet indicate user supplied data by the LSE where and when applicable.
- 9. All data must be entered in MWh out to three decimal points to accurately account for retail sales, procurement and targets. The spreadsheet will display MWh throughout. Do not round any reporting data.
- 10. The spreadsheet included in this report has locked cells to ensure that targets, procurement and penalties are accurately calculated and reported from the data provided by the user. An unprotected version of the spreadsheet is also available by
- 11. Line #'s in the "Accounting" tab hyperlink to the "Calculations" tab, which provides additional information on the particular line item or section of the "Accounting" tab.

SUMMARY TAB	
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- 12. The "Summary" tab is linked to the "Accounting" tab and "Procurement Detail" tab, no data entry is required.
- 13. If the LSE determines that additional information is required in order to present a full and complete report, mark the box provided on the "Summary" tab. Any additional information should support the LSE's claim within the guidelines of the eight allowable reasons for noncompliance. Furthermore, please state anything else the filing LSE believes is necessary for a full and complete reporting to the Commission in order to allow an informed decision on compliance. This may include, for example, footnotes and other explanatory information as necessary and reasonable.

ACCOL	INITING	TΔR

- 14. Begin by entering the relevant data for Lines 1-3, this will calculate the LSE's Baseline Procurement Amount. Enter actual and forecasted sales figures to generate Incremental Procurement Targets (IPTs) and Annual Procurement Targets (APTs).
- 15. In deficit years, the spreadsheet calculates what portion of the deficit is eligible for IPT deferral and Earmarking. The user records how they elect to treat the deficit(s) in the relevant sections, including using surplus procurement. The spreadsheet calculates the allowable IPT deferral and Earmarking amount through 2020.

EARMARKING DETAIL TAB

16. Enter information for contracts that are eligible for earmarking and are being used for flexible compliance purposes. Data populates the earmarking section in the "Accounting" tab.

PROCUREMENT DETAIL TAB

- 17. Procurement Summary: Total RPS Eligible Procurement is differentiated by three categories, existing and or signed contracts, short-listed/under negotiation/pending approval, and generic future contracts. This section is populated by completing the Contract Detail section below. If the LSE has entered into contracts that are short-term or with existing facilities but cannot meet its Annual Minimum Contracting Requirement, then deliveries from those contracts may not be used for compliance in any year (D.07-05-028).
 - > Annual Contracting Quota Requirement: LSEs must enter into long-term contracts or contracts with new facilities for energy deliveries equivalent to at least 0.25% of that LSE's prior years' retail sales, if it intends to use deliveries from shortterm contracts and/or existing faciliitites, for RPS compliance purposes.
 - Contracts are differentiated by Contract term-length and type (row 15:16). All deliveries from "long-term and/or new" are automatically entered into "Cumulative Surplus Contracting Quota Bank" (row 19) and the user must input the MWh in row 18 that the LSE needs to comply with the Annual Contracting Quota Requirement, if necessary.
- 18. RPS Eligible Procurement by Resource Type: This report must state the amount procured or projected to be procured from each resource type (D.05-07-039, Appendix A, D.06-10-050, page 47-48). This information is reported in rows 25-38 in the "Procurement Detail" tab and populated by completing the "Contract Detail" section.
- 19. Contract Detail: For each contract, enter actual and forecasted delivery data throughout the contract term. Do not assume that an expiring contract will be renegotiated. In the first year a project is no longer under contract, remove the contract and/or MWh deliveries (in the case of pre-2002 contracts), and list the contract in the Expired Contracts section below.
 - > Pre-2002 Contracts: Input total annual deliveries by resource type
 - > 2002-2008 years' Contracts: List contracts by name, annual deliveries (MWh), project status, facility status and resource
 - > 2005-2008 years' Contracts: In addition to the requirements above, Contracts from these years should be identified by termlength, short-term (less than 10 years) and long-term, as well as, by type, existing or new (defined below). For 2005 and 2006 contracts that were signed prior to 2007 can be identified as "n/a" for this purpose (refer to Column "X").
 - "Contract Length / Type" (Column "X") Pursuant to D.07-05-028, starting in 2007, each RPS-obligated LSE must, in order to be able to count for any RPS compliance purpose energy deliveries from contracts of less than 10 years' duration ("short-term") with RPS-eligible facilities that commenced commercial operation prior to January 1, 2005 ("existing facilities"), in each calendar year enter into contracts with facilities of at least 10 years' duration ("long-term") and/or shortterm contracts with facilities that commenced commercial operation on or after January 1, 2005 ("new facilities") for energy deliveries equivalent to at least 0.25% of that LSE's prior year's retail sales ("minimum quantity").
 - "Contract Volume" (Column "Y") Input the total annual MWh as identified in the contract. Compliance with the minimum quota requirement is measured by contracted-for-energy, not deliveries.
 - > "Generic Future Contracts": Input total forecasted annual deliveries by resource type
 - > "Expired Contracts": User should identify expired contract by name and input annual deliveries (MWh) in the first year contract is no longer delivering for the LSE (per existing contract) and in every year thereafter. For example, if a contract with annual deliveries of 10.000 MWh expired 12/31/2007, user should enter 10.000 MWh in 2008 and in every year thereafter. If this same contract expired 6/30/2007, user should enter 5,000 MWh in 2007 and 10,000 in every year thereafter. If an expired or expiring contract is re-signed, remove contract information from "Expired Contracts" section and enter it under the appropriate contracting year, as you would for any other contract.
- 20. In the "Contract Status" column, "short-listed and/or under negotiation" is an option; use the short-listed option only for projects for which the IOU has a high level of confidence that a contract will be executed.
- 21. If any procurement data for a specific contract differs from what is entered into the CEC-RPS-Track form for that year, the specific cell should be highlighted and the discrepancy should be explained.

Spreadsheet user notes

- > Protecting confidential data: Individual cells may be formatted black, which will serve to redact info when excel file is converted to pdf. Select cell - click on "fill color" icon - choose black. Note: Once converted to pdf, additional steps are necessary to ensure redacted data is not accessible.
- > Adding and/or deleting rows. The "Earmarking Detail" tab and "Procurement Detail" tab allow user add to or delete rows. Within the desired section, highlight entire row(s) by selecting the excel row number(s) - right click and select "copy" - right click again and select "insert copied cells"

Pacific Gas and Electric Company	2004
15-Aug-08	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	71,099,363	
Annual Procurement Target (APT)	7,807,140	11.0%
Total RPS Eligible Procurement	8,574,976	12.1%
Annual Procurement Surplus/(Deficit)	767,836	
Adjusted Procurement Percentage*		12.1%

* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	2,963,230	34.6%
Digester Gas	7,101	0.1%
Biodiesel	0	0.0%
Landfill Gas	197,250	2.3%
Muni Solid Waste	129,547	1.5%
Biopower Subtotal	3,297,128	38.5%
Geothermal	1,732,857	20.2%
Small Hydro	2,466,409	28.8%
Conduit Hydro	0	0.0%
Solar PV	4	0.0%
Solar Thermal	0	0.0%
Wind	1,078,578	12.6%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	8,574,976	100.0%

Flexible Compliance	MWh	
IPT Deferral	0	
Earmarking	N/A	
Banked Procurement Applied	0	
Total Flexible Compliance	0	

Deficits and Penalties	2004
Preliminary Procurement (Deficit)	0
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

** Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

Check box (x) if LSE is including supplemental materials necessary for a full and complete report (include
attachments as needed).

- Any supplemental materials should state each reason asserted in support of deferral or waiver of penalty, consistent with allowable reasons for non-compliance listed below. (D.03-12-065, D.03-06-071, D.06-05-010 and Public Utilities Code Section 399.14(a)(2)(C)(ii).)

[Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferral promotes ratepayer interests and RPS objectives, Showing of good cause, Insufficient transmission]

Pacific Gas and Electric Company	2005
15-Aug-08	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	73,616,302	
Annual Procurement Target (APT)	8,543,303	11.6%
Total RPS Eligible Procurement	8,650,362	11.8%
Annual Procurement Surplus/(Deficit)	107,059	
Adjusted Procurement Percentage*		11.8%

* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	2,864,131	33.1%
Digester Gas	9,381	0.1%
Biodiesel	0	0.0%
Landfill Gas	217,251	2.5%
Muni Solid Waste	139,882	1.6%
Biopower Subtotal	3,230,645	37.3%
Geothermal	1,680,710	19.4%
Small Hydro	2,864,804	33.1%
Conduit Hydro	0	0.0%
Solar PV	4	0.0%
Solar Thermal	0	0.0%
Wind	874,198	10.1%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	8,650,362	100.0%

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	0
Banked Procurement Applied	0
Total Flexible Compliance	0

Deficits and Penalties	2005
Preliminary Procurement (Deficit)	0
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

** Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

Check box (x) if LSE is including supplemental materials necessary for a full and complete report (include
attachments as needed).

Any supplemental materials should state each reason asserted in support of deferral or waiver of penalty, consistent with allowable reasons for non-compliance listed below. (D.03-12-065, D.03-06-071, D.06-05-010 and Public Utilities Code Section 399.14(a)(2)(C)(ii).)

[Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferral promotes ratepayer interests and RPS objectives, Showing of good cause, Insufficient transmission]

Pacific Gas and Electric Company	2006
15-Aug-08	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	72,726,639	
Annual Procurement Target (APT)	9,270,570	12.7%
Total RPS Eligible Procurement	9,113,616	12.5%
Annual Procurement Surplus/(Deficit)	(156,954)	
Adjusted Procurement Percentage*		12.7%

* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	2,770,907	30.4%
Digester Gas	3,973	0.0%
Biodiesel	0	0.0%
Landfill Gas	161,254	1.8%
Muni Solid Waste	135,716	1.5%
Biopower Subtotal	3,071,850	33.7%
Geothermal	1,790,870	19.7%
Small Hydro	3,226,294	35.4%
Conduit Hydro	0	0.0%
Solar PV	3	0.0%
Solar Thermal	0	0.0%
Wind	1,024,600	11.2%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	9,113,616	100.0%

Flexible Compliance	MWh	
IPT Deferral	0	
Earmarking	0	
Banked Procurement Applied	156,954	
Total Flexible Compliance	156,954	

Deficits and Penalties	2006
Preliminary Procurement (Deficit)	(156,954)
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

** Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

Check box (x) if LSE is including supplemental materials necessary for a full and complete report (include
attachments as needed).

- Any supplemental materials should state each reason asserted in support of deferral or waiver of penalty, consistent with allowable reasons for non-compliance listed below. (D.03-12-065, D.03-06-071, D.06-05-010 and Public Utilities Code Section 399.14(a)(2)(C)(ii).)

[Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferral promotes ratepayer interests and RPS objectives, Showing of good cause, Insufficient transmission]

Pacific Gas and Electric Company	2007
15-Aug-08	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	76,692,370	
Annual Procurement Target (APT)	10,037,493	13.1%
Total RPS Eligible Procurement	9,044,480	11.8%
Annual Procurement Surplus/(Deficit)	(993,013)	
Adjusted Procurement Percentage*		13.1%

* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	2,751,441	30.4%
Digester Gas	1,981	0.0%
Biodiesel	0	0.0%
Landfill Gas	150,729	1.7%
Muni Solid Waste	140,437	1.6%
Biopower Subtotal	3,044,589	33.7%
Geothermal	2,702,442	29.9%
Small Hydro	1,916,329	21.2%
Conduit Hydro	0	0.0%
Solar PV	226	0.0%
Solar Thermal	0	0.0%
Wind	1,380,895	15.3%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	9,044,480	100.0%

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	0
Banked Procurement Applied	993,013
Total Flexible Compliance	993,013

Deficits and Penalties	2007
Preliminary Procurement (Deficit)	(993,013)
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

** Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

Check box (x) if LSE is including supplemental materials necessary for a full and complete report (include
attachments as needed).

 Any supplemental materials should state each reason asserted in support of deferral or waiver of penalty, consistent with allowable reasons for non-compliance listed below. (D.03-12-065, D.03-06-071, D.06-05-010 and Public Utilities Code Section 399.14(a)(2)(C)(ii).)

[Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferral promotes ratepayer interests and RPS objectives, Showing of good cause, Insufficient transmission]

RPS Compliance Report: Accounting

PACIFIC GAS AND ELECTRIC COMPANY

15-Aug-08

Line#	RPS Baseline Calculation	(MWh)
1	2001 Total Retail Sales	75,320,000
2	2001 RPS Eligible Procurement	6,719,480
3	2003 Total Retail Sales	71,099,363
4	2003 Baseline Procurement Amount	7,096,147



				Actual				Forecast			Forecast					Forecast			
	RPS Procurement and Targets(MWh)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
5	Bundled Retail Sales	71,099,363	73,616,302	72,726,639	76,692,370	79,450,904	79,981,029	81,148,828	82,303,173	83,557,799	84,787,673	85,958,632	87,086,000	88,220,317	89,339,120	90,416,877	91,483,173	92,549,173	93,615,173
6	Total RPS Eligible Procurement	8,828,065	8,574,976	8,650,362	9,113,616	9,044,480	10,274,912	12,224,771	12,839,471	13,716,360	17,280,884	19,497,309	21,631,635	22,394,678	22,598,548	22,387,121	22,255,127	22,058,672	21,907,648
7	Annual Procurement Target (APT)	7,096,147	7,807,140	8,543,303	9,270,570	10,037,493	10,832,003	11,631,813	16,229,766	16,460,635	16,711,560	16,957,535	17,191,726	17,417,200	17,644,063	17,867,824	18,083,375	18,296,635	18,509,835
8	Incremental Procurement Target (IPT)	N/A	710,994	736,163	727,266	766,924	794,509	799,810	4,597,953	230,869	250,925	245,975	234,192	225,474	226,863	223,761	215,551	213,259	213,200
9	Preliminary Procurement Surplus/(Deficit)	1,731,918	767,836	107,059	(156,954)	(993,013)	(557,091)	592,958	(3,390,295)	(2,744,275)	569,325	2,539,775	4,439,908	4,977,478	4,954,484	4,519,297	4,171,751	3,762,038	3,397,813
10	APT Percentage	N/A	11.0%	11.6%	12.7%	13.1%	13.6%	14.5%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
11	Actual Procurement Percentage	11.7%	12.1%	11.8%	12.5%	11.8%	12.9%	15.3%	15.8%	16.7%	20.7%	23.0%	25.2%	25.7%	25.6%	25.1%	24.6%	24.1%	23.7%
12	Adjusted Procurement Percentage*	N/A	12.1%	11.8%	12.7%	13.1%	13.6%	15.3%	20.0%	20.0%	20.0%	20.0%	23.4%	25.7%	25.6%	25.1%	24.6%	24.1%	23.7%

			Actual				Forecast			Forecast					Forecast			
Flexible Compliance - IPT Deferral	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
13 Maximum Deficit Eligible for Deferral	N/A	0	0	156,954	191,731	198,627	0	202,872	205,758	0	0	0	0	0	0	0	0	0
14 Deficit being Carried Forward to Year + 1	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Deficit being Carried Forward to Year + 2	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Deficit being Carried Forward to Year + 3	N/A	0	0	0	0	0	0	202,872	205,758	0	0	0	0	0	0	0	0	0
17 Total Current Year Deficit Carried Forward	N/A	0	0	0	0	0	0	202,872	205,758	0	0	0	0	0	0	0	0	0
18 Remaining Deficit from Year - 1 to Be Filled in Current Year	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 Remaining Deficit from Year - 2 to Be Filled in Current Year	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Remaining Deficit from Year - 3 to Be Filled in Current Year	N/A	N/A	N/A	N/A	0	0	0	0	0	0	(202,872)	(205,758)	0	0	0	0	0	0
21 Total Prior Year Deficits That Must Be Filled This Year	N/A	N/A	0	0	0	0	0	0	0	0	(202,872)	(205,758)	0	0	0	0	0	0
22 Current Year Surplus Procurement Applied to Year - 1 Deficit	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23 Current Year Surplus Procurement Applied to Year - 2 Deficit	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 Current Year Surplus Procurement Applied to Year - 3 Deficit	N/A	N/A	N/A	N/A	0	0	0	0	0	0	202,872	205,758	0	0	0	0	0	0
25 Total Deliveries Applied to Prior Year IPT Deficits	N/A	N/A	0	0	0	0	0	0	0	0	(202,872)	(205,758)	0	0	0	0	0	0

				Actual				Forecast			Forecast					Forecast			
	Flexible Compliance - Earmarking	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
26	Portion of Current Year Deficit Eligible for Earmarking	N/A	N/A	0	0	801,283	358,464	0	3,187,423	2,538,517	0	0	0	0	0	0	0	0	0
27	Future Year Deliveries Earmarked from Year + 1	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Future Year Deliveries Earmarked from Year + 2	N/A	N/A	0	0	0	0	0	569,325	1,211,517	0	0	0	0	0	0	0	0	0
29	Future Year Deliveries Earmarked from Year + 3	N/A	N/A	0	0	0	0	0	1,125,385	1,327,000	0	0	0	0	0	0	0	0	0
30	Total Projected Procurement Earmarked to Current Year	N/A	N/A	0	0	0	0	0	1,694,710	2,538,517	0	0	0	0	0	0	0	0	0
31	Current Year Deliveries Earmarked to Year - 1	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Current Year Deliveries Earmarked to Year - 2	N/A	N/A	N/A	N/A	0	0	0	0	0	569,325	1,211,517	0	0	0	0	0	0	0
33	Current Year Deliveries Earmarked to Year - 3	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0	1,125,385	1,327,000	0	0	0	0	0	0
34	Total Deliveries Earmarked to Prior Year Earmarked Deficits	N/A	N/A	N/A	0	0	0	0	0	0	(569,325)	(2,336,903)	(1,327,000)	0	0	0	0	0	0

				Actual				Forecast			Forecast					Forecast			
	Surplus Procurement Bank	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
35	Surplus Procurement Bank Balance as of Prior Year	0	1,731,918	2,499,754	2,606,813	2,449,859	1,456,846	899,755	1,492,713	0	0	0	0	2,907,151	7,884,628	12,839,112	17,358,410	21,530,161	25,292,199
36	Application of Banked Surplus Procurement to Current Year Deficit				156,954	993,013	557,091		1,492,713		[]	į –	Ī	Ţ		į į	!
37	Adjusted Current Year Annual Surplus Procuremen	1,731,918	767,836	107,059	0	0	0	592,958	0	0	0	0	2,907,151	4,977,478	4,954,484	4,519,297	4,171,751	3,762,038	3,397,813
38	Cumulative Surplus Procurement Bank Balance	1,731,918	2,499,754	2,606,813	2,449,859	1,456,846	899,755	1,492,713	0	0	0	0	2,907,151	7,884,628	12,839,112	17,358,410	21,530,161	25,292,199	28,690,012

				Actual				Forecast			Forecast					Forecast			
	Adjusted Deficit	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
39	Adjusted Annual Procurement Deficit	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Adjusted Deficit Deferred	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
41	Potential Penalty	N/A	\$0	\$0	\$0	\$0													
42	Current Penalty (with flexible compliance)	N/A	\$0	\$0	\$0	\$0													

RPS Compliance Report: Earmarking Detail

Input Required Forecasted Data Actual Data

PACIFIC GAS AND ELECTRIC COMPANY

15-Aug-08

			Actual			Forecast			Forecast					Forecast			
Total Annual Earn	narked Generation (MWh)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	Contracted Generation	0	0	0	0	0	0	550,307	1,778,622	2,636,556	3,178,342	3,661,641	3,655,294	3,644,367	3,635,796	3,627,267	3,621,046
	Withdrawal from Current Year Allocated to Year - 1	0 N/A	0	0	0	0	0	0	569,325	2,336,903	1,327,000	0	0	0	0	0	0
	Allocated to Year - 2	N/A	N/A	ő	ő	Ö	ő	ő	569,325	1,211,517	ő	ő	ő	ő	ő	ő	ő
	Allocated to Year - 3	N/A	N/A	N/A	0	0	0	0	0	1,125,385	1,327,000	0	0	0	0	0	0
Eviva / San Joaquin Solar 1 & 2	Contracted Generation							350,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000
Eligible for 2010 & 2011 projected deficits &/or other deficits	Withdrawal from Current Year	0	0	0	0	0	0	0	569,325	700,000	700,000	0	0	0	0	0	0
(or any other years that deficits may	Allocated to Year - 1	N/A	Ü	Ů	Ü	Ü	Ü	Ü		700,000	700,000	Ü	Ü	Ü	Ü	Ü	Ü
actually occur)	Allocated to Year - 2	N/A	N/A						569,325								
	Allocated to Year - 3	N/A	N/A	N/A						700,000	700,000						
Optisolar/Topaz Solar Farms, LLC	Contracted Generation							140,667	594,360	1,095,644	1,148,405	1,142,663	1,139,261	1,131,265	1,125,608	1,119,980	1,116,646
									·								
Eligible for 2010 & 2011 projected deficits &/or other deficits	Withdrawal from Current Year	0	0	0	0	0	0	0	0	1,095,644	627,000	0	0	0	0	0	0
(or any other years that deficits may	Allocated to Year - 1	0	U	U	Ü	U	U	U	U	1,095,044	027,000	U	U	U	U	U	U
actually occur)	Allocated to Year - 2	N/A								670,258							
SunPowerHigh Plains Ranch II,	Allocated to Year - 3	N/A	N/A							425,385	627,000						
LLC	Contracted Generation							59,640	238,262	594,912	591,937	588,978	586,033	583,103	580,187	577,286	574,400
								,		,	,	,0	,	200,.23	,	2,223	
Eligible for 2010 & 2011 projected deficits &/or other deficits	Withdrawal from Current Year	0	0	0	0	0	0	0	0	541,259	0	0	0	0	0	0	0
(or any other years that deficits may	Allocated to Year - 1	0	U	0	0	U	0	U	U	541,259	0	0	U	U	U	0	U
actually occur)	Allocated to Year - 2	N/A								541,259							
D:110	Allocated to Year - 3	N/A	N/A						0.40.000	040.000	700.000	4 000 000	4 000 000	4 000 000	4 000 000	4 000 000	4 000 000
Bright Source	Contracted Generation								246,000	246,000	738,000	1,230,000	1,230,000	1,230,000	1,230,000	1,230,000	1,230,000
Eligible for 2010 & 2011 projected																	
deficits &/or other deficits	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(or any other years that deficits may actually occur)	Allocated to Year - 1 Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A	N/A														
Contract Name Eligible for [YEAR] deficit	Contracted Generation Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [TEAR] delicit	Allocated to Year - 1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
	Allocated to Year - 2	N/A															
Contract Name	Allocated to Year - 3 Contracted Generation	N/A	N/A														
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1																
	Allocated to Year - 2 Allocated to Year - 3	N/A N/A	N/A														
Contract Name	Contracted Generation	N/A	IN/A														
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1 Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A	N/A														
Contract Name	Contracted Generation																
Eligible for [YEAR] deficit	Withdrawal from Current Year Allocated to Year - 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A	N/A														
Contract Name Eligible for [YEAR] deficit	Contracted Generation Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eligible for [TEAR] deficit	Allocated to Year - 1	U	U	U	Ü	U	U	U	U	U	U	U	U	U	U	U	U
	Allocated to Year - 2	N/A															
Contract Name	Allocated to Year - 3 Contracted Generation	N/A	N/A														
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1																
	Allocated to Year - 2 Allocated to Year - 3	N/A N/A	N/A														
Contract Name	Contracted Generation	1975	19/5														
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1 Allocated to Year - 2	N/A															
	Allocated to Year - 2 Allocated to Year - 3	N/A N/A	N/A														
Contract Name	Contracted Generation																
Eligible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1 Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A	N/A														

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RPS Compliance Report: Procurement I	Jetan	71010045-010000000000000	Input Required			D ELECTRIC CON	PANT							
	ŀ	an kas kaman kabumber. Berkira kabumban kasalak	Forecasted Data	3	15-Aug-08									
	1	<u> garagera en araba en en en</u>	Actual Data											
	sections are setting	NEW CONTRACTOR	Actual MWh	0.000.000.000.000.000.000	(2.5.25.12.26.13.26.15.26.1	v 67 (1000 pp. 1000 pp. 100	Forecast MWh			Forecast MWh	HERENESEVE GOVERN	6.546.66.646.656.66		
Procurement Summary	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Procurement Summary Total RPS Eligible Procurement	8,828,065	8 574 976	8 650 362	9.113,616	9,044,480	10,274,912	12,224,771	12,839,471	13,716,360	17,280,884	19,497,309	21,631,635	22,394,678	22,598,548
Existing and/or Signed Contracts	8,828,085	8,574,976	8,650,362	9,113,616	9,044,480	10,274,556	11,444,635	11,719,239	11,725,175	13,095,784	12,097,074	12,341,311 6,141,429	9,769,092	9,010,286 5,618,788
Short-listed/Under Negotiation/Pending Approval Generic Future Contracts	0	0	0	0	0 0	356	674,154 106,082	968,884 151,348	1,636,025 153,159	3,615,914 569,167	4,679,403 2,720,833	4,148,894	5,624,776 6,980,810	7,969,473
Generic Future Contracts Annual Contracting Quote Regulrement RPS Contracts: long-form anglor new facilities RPS Contracts: long-form anglor new facilities RPS Contracts: short-term with existing facilities Surplus Contracting Quota Bank as of Prior Year	N/A	N/A	N/A	N/A	N/A	198,627	199,953	202,872	N/A	N/A	N/A	N/A	N/A	N/A
RPS Contracts: tong-term and/or new facilities	N/A	N/A N/A	N/A N/A	N/A N/A	2,542,535 0	4,343,890 1,533,000							 	
RPS Contracts: short-term with existing facilities Surplus Contracting Quota Bank as of Prior Year	N/A N/A	N/A	N/A	N/A	Ö	2,542,535								
Banked Surplus Applied to Annual Quota	N/A	N/A	N/A	N/A		198,627								
Cumulative Surplus Contracting Quota Bank Minimum Annual Contracting Quota Shortfall	N/A N/A	N/A N/A	N/A N/A	N/A N/A	2,642,535 N/A	6,687,797								
Minimum Annual Contracting Goots Shortain	1 190	1975	(39)	1471										
	Francisco de la companya de la comp	Mark Commence	ran and an analysis deal				London			\$5 * 0.00	373 W <u>2 2</u> 00000000	25 C2 1 25 22 2 2 2 2 3 1 1 2 2 1	former service of	Principle and enter
RPS-Eligible Procurement By Resource Type	2003	2004	2005	2008 2,770,907	2007 2,751,441	2008 2,790,928	2009 3,072,618	2010 3,097,929	2011 3,121,263	2012 3,158,929	2013 3,239,687	2014 3,478,252	2015 3,386,208	2018 3,366,178
Cumulative Surplus Contracting Quota Bank Mhrimum Annual Contracting Quota Shortfall RPS-Eligible Procurement By Resource Type Biomass Digenter Cas Biodiosni Londfill Cas Muni Solid Waste Biopower Subtorial Genthormal Small Hydro Condut Hydro Solar PV Solar Thormal Wind Cesan/Tidal Fuel Collis	2,797,903 13,945	2,963,230 7,101	2,864,131 9,381	3,973	2,751,441 1,981	2,790,928 6,816	6,818	6,818	8,818	6,818	6,818	6,818	8,818	6,818
Biodianni	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Landfill Gas Muni Solid Waste	215,790 139,817	197,250 129,547	217,251 139,882	161,254 135,716	150,729 140,437	159 960 135 049	174,264 104,504	179,250 101,286	179,250 101,286	176,435 101,286	173,477 101,288	163,688 101,286	155,648 101,286	153,040 101,286
Riopower Subtotal	3,167,455	3 287 128	3,230,645	3,071,850	3,044,589	3,092,756	3,358,404	3,385,284	3,408,618	3,453,468	3 521 269	3,750,044	3,649,960	3,627,323
Geothermal	1,751,941	1,732,857	1,680,710	1,790,870	2,702,442	3,583,539	3,337,733	3,420,400	3,446,233	4,280,600	3,881,400	4,325,400	3,958,088 2,894,268	3,965,474
Small Hydro Conduit Hydro	2,961,813 0	2,486,409 0	2,884,804	3,226,294	1,916,329 0	2,085,906	3,162,575 0	3,161,730	3,168,595 0	2,970,865 0	2,942,478 0	2,805,241 0	2,884,268	2,892,782 0
Solar PV	5	4	4	3	228	620	2,463	8,510	211,845	1,041,910	2,199,094	2,668,881	2,940,179	3,073,832
Solur Thermal	0	0	0 874,198	1,024,600	1,380,895	0 1,512,091	0 2,363,605	0 2,863,547	350,000 3,131,069	2,029,333 3,504,374	3,302,000 3,647,069	4,214,000 3,863,069	4,986,000 3,962,182	6,126,000 3,909,136
Wind Ocean/Tidal	946,851 0	1,078,578	0	0.24,600	0	0	0	0	0	333	4,000	4,000	4,000	4,000
Fuel Cells	0	0	0	0	Ó	0	0	0	0	0	00	a	j 0	0
4														
Contract Dotall	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Pre-2002 Contracts	8,102,629	7,591,963	7,440,924	7,619,708	6,602,626	6,013,127	6,338,769	6,241,226	6,181,306	6,170,409	6,011,538	5,724,775	5,010,556	4,264,50
Blomass	2,733,102	2,647,252	2,540,229	2,467,518	2,503,444	2,480,795	2,453,685	2,447,462 6,818	2,447,462	2,447,482 6,818	2,442,494 6,818	2,427,752	2,076,577 6,818	1,862,4 6,8
Digoster Gos Blodlesei	13,945	7,101 0	9,381	3,973	1,981 0	6,818 0	6,818 0	0,010	6,818 0	0,016	9,010	6,818 0	9,010	9,0
Landfill Ges	215,790	197,250	217,251	161,254	150,729	158,316	154,298	153,484	153,484	142,221	130,391	91,233	59,074	48,6
Muni Solid Waste	139,817 1,091,306	129,547	139,882	135,716 1,048,831	140,437	135,049	12,870 2,702	0 2,702	0 700	0 2,702	2,702	2 702	0	
Goethormal Small Hydro			077 008										2 457	
	2,961,813	1,085,822 2,466,409	977,098 2,730,695	3,019,749	1,084,317 1,783,405	419,004 1,965,000	2,860,251	2,782,616	2.722,696	2,723,062	2,580,989	2,702 2,348,126	2,457 2,186,408	2,151,2
Conduit Hydro	2,961,813 0	2,466,409 0	2,730,695 0	3,019,749 0	1,783,405 0	1,965,000 0	2,880,261 0	2,782,616 0	2,702 2,722,693 0	2,723,062 0	2,580,989 0	0	2,186,408 0	2,151,2
Conduit Hydro Solar PV	2,961,813 0 5	2,466,409 0 4	2,730,695 0 4	3,019,749 0 3	1,783,405 0 1	1,965,000	2,850,251	2,782,616	0 4	2,723,062	2,580,989 0 4		2,186,408 0	2,151,2
Consult Hydro Consult Hydro Solar PV Solar Thornal Wind	2,961,813 0 5 0 946,851		2,730,695 0 4 0 826,386	3,019,749 0 3 0 782,665	1,783,405 0 1 1 0 958,313	1,985,000 0 4 0 848,140	2,850,251 0 4 0 848,140	2,782,616 0 4 0 646,140	0 4 0 848,140	2,723,062 0 4 0 846,140	2,580,989 0 4 0 848,140	0 4 0 848,140	2,186,408 0 4 0	
Conduit Hydro Solar PV Solar Thermal Wind OceanTidai	2,961,813 0 5 0 946,851	2,466,409 0 4 0	2,730,695 0 4 0 826,386	3,019,749 0 3 0 782,665 0	1,783,405 0 1 0 958,313 0	1,985,000 0 4 0 848,140 0	2,850,251 0 4 0 848,140 0	2,782,816 0 4 0 848,140 0	0 4 0 848 140 0	2,723,062 0 4 0 848,140 0	2,580,989 0 4 0 848,140 0	0 4 0 848,140 0	2,186,408 0 4 0 679,219 0	
Conduit Hydro Solar PV Solar Thomal Wind Ocean/Indel Fuel Calls	2,961,813 0 5 0 946,851 0	2,486,409 0 4 0 1,078,578 0	2,730,695 0 4 0 0 826,386 0 0	3,019,749 0 3 0 782,665 0	1,783,405 0 1 0 0 958,313 0	1,985,000 0 4 0 848,140	2,850,251 0 4 0 848,140	2,782,616 0 4 0 848,140 0	0 4 0 848,140	2,723,062 0 4 0 846,140	2,580,989 0 4 0 848,140	0 4 0 848,140	2,186,408 0 4 0 679,219 0	
Conduit Hydro Solar PV Solar Thormal Wind Ocent/Tidal Fual Colls 2002 Contracts Calpine Ceysens #13 (Consolidated w/ 2006 Calpino	2,961,813 0 5 0 946,851 0 0 683,031	2,466,409 0 4 0 1,078,578 0 0 693,218	2,730,695 0 4 0 0 826,386 0 0 726,152	3,019,749 0 3 0 782,665 0 0 763,054	1,783,405 0 1 0 0 958,313 0 0 128,307	1,985,000 0 4 0 848,140 0	2,880,251 0 4 9 9 848,140 0 0	2,782,816 0 4 0 848,140 0 0	848,140 0 0 0 0 0	2,723,062 0 4 0 846,140 0	2,580,989 0 4 0 848,140 0	0 4 0 848,140 0	2,186,408 0 4 0 679,219 0	
Conduit Hydro Soler PV Soler TV Soler Thermal Wind Ocenn/Tidal Fual Calls Fual Calls Calpine Ceysers #13 (Consolidated w/ 2006 Calpine Contract)	2,961,813 0 5 0 946,851 0	2,486,409 0 4 0 1,078,578 0	2,730,695 0 4 0 0 826,386 0 0	3,019,749 0 3 0 782,665 0	1,783,405 0 1 0 0 958,313 0	1,985,000 0 4 0 848,140 0	2,860,251 0 4 0 848,140 0 0	2,782,616 0 4 0 848,140 0	0 4 0 848,140 0 0	2,723,062 0 4 0 846,140 0	2,580,989 0 4 0 848,140 0	0 4 0 848,140 0	2,186,408 0 4 0 679,219 0	
Conduit Hydro Solar PV Solar Thormal Wind Qean/Tidal Fuol Colls Fuol Colls Contracts Calpine Geysens # 13 (Consolidated w/ 2008 Calpino Contract) Catipne Geysens # 20 (Consolidated w/ 2008 Calpino	2,961,813 0 5 0 946,851 0 0 683,031 416,507	2,466,409 0 4 0 1,078,578 0 0 693,218 374,152	2,730,685 0 4 0 826,386 0 0 726,152 435,895	3,019,749 0 3 0 782,685 0 0 763,054 472,489	1,783,405 0 1 0 958,313 0 0 128,307 68,920	1,985,000 0 4 0 848,140 0	2,880,251 0 4 9 9 848,140 0 0	2,782,816 0 4 0 848,140 0 0	848,140 0 0 0 0 0	2,723,062 0 4 0 846,140 0	2,580,989 0 4 0 848,140 0	0 4 0 848,140 0	2,186,408 0 4 0 679,219 0	
Conduit Hwitro Solar PV Solar Thormal Wind Ocenn/Tidal Fuol Colls 2002 Contracts Colpine Colysens #13 (Consolidated w/ 2006 Colpine Contract)	2,961,813 0 5 0 946,851 0 0 683,031	2,466,409 0 4 0 1,078,578 0 0 693,218	2,730,685 0 4 0 826,386 0 0 726,152 435,995 267,919 22,538	3,019,749 0 3 0 782,665 0 0 763,054	1,783,405 0 1 0 0 958,313 0 0 128,307	1,865,000 0 4 0 848,140 0 0 0 0	2,880,281 0 4 0 248,140 0 0 0	2,782,818 0 4 0 848,140 0 0 0 0	0 4 0 848,140 0 0 0 0	2,773,062 0 4 0 848,140 0 0 0 0	2,580,989 0 4 0 848,140 0 0 0	0 4 0 848,140 0	2,186,409 0 4 0 679,219 0 0 0 0	
Conduit Hydro Solor PV Solor Thermal Wind Ocean/Tidol Fuel Colls Copins Copysons #13 (Consolidated w/ 2006 Calpino Contract) Calpine Copysons #20 (Consolidated w/ 2006 Calpino Contract) Calpine Copysons #20 (Consolidated w/ 2006 Calpino Contract)	2,961,813 0 5 9 946,851 0 683,031 416,507 244,128 22,398 0	2,485,409 0 4 0 1,078,578 0 693,218 374,152 292,883 28,183 0	2,730,685 0 4 0 826,386 0 0 726,152 435,665 267,919 22,538	3,019,749 3 9 782,635 0 763,054 472,489 289,550 21,015	1,783,405 0 1 0 958,313 0 128,307 68,920 38,149 21,228 0	1,865,000 0 4 0 0,848,140 0 0 0 0 0	2,880,251 0 4 0 848,140 0 0 0 0 0	2,762,016 0 4 0 648,140 0 0 0 0 0 0	0 4 0 848,140 0 0 0	2,773,062 0 4 0 848,140 0 0 0	2,580,989 0 4 0 848,140 0 0 0 0	0 4 0 848,140 0 0 0 0	2,186,409	
Conduit Hydro Solar PV Solar Thermal Wind Ocenn/Tidal Fual Calls Calpine Geysens # 13 (Consolidated w/ 2008 Calpine Contracts Calpine Geysens # 20 (Consolidated w/ 2008 Calpine Contract) Calpine Geysens # 20 (Consolidated w/ 2008 Calpine Contract) Whoelsbrator Co Unit 4 (Expired end of 2007) Contract Name 2003 Contracts	2,861,813 0 5 0 946,851 0 0 683,031 416,507 244,128 22,398 0 42,405	2,495,409 0 4 0 1,076,578 0 0 693,218 374,152 292,663 26,163 0 28,765	2,730,685 0 4,0 826,386 0 0 726,152 435,995 267,919 22,538 0 301,364	3,019,749 0 3 0 782,665 0 0 763,054 472,489 269,550	1,783,405 0 1 0 958,313 0 0 128,307 68,920 38,149	1,865,000 0 4 0 848,140 0 0 0 0	2,880,281 0 4 0 248,140 0 0 0	2,782,818 0 4 0 848,140 0 0 0 0	0 4 0 848,140 0 0 0 0	2,773,062 0 4 0 848,140 0 0 0 0	2,580,989 0 4 0 848,140 0 0 0	0 4 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,186,409 0 4 0 679,219 0 0 0 0	
Conduit Hydro Solar PV Solar PV Solar Thermal Wind Qeenn/Tidel Fuel Cells Celpine Ceysers # 13 (Consolidated w/ 2006 Calpine Contract) Calpine Ceysers # 20 (Consolidated w/ 2006 Calpine Contract) Catpine Ceysers # 20 (Consolidated w/ 2006 Calpine Contract) Wheelsbirstor Co Unit 4 (Expired end of 2007) Contract Name 2003 Contracts Community Renewable Energy Services Madera Power	2,961,813 0 5 5 946,851 0 683,031 416,507 244,128 22,396 0 42,405 12,396 23,450	2,499,409 0 4 4 1,078,578 0 993,218 374,152 292,863 26,183 0 0 289,795 82,030 136,584	2,730,995 0 4,4 4,0 626,386 0 776,152 435,965 267,919 22,538 0 301,364 79,472 159,535	3,019,749	1,763,405	1,885,000 0, 4, 848,140, 0, 0, 0, 0, 0, 0, 0, 0, 0,	2,889,251	2,782,816	0 44 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,723,002 0 4 0 846,140 0 0 0 0 0 0 0 0 0 0 0 0 0	2,590,989 0,44 4,4 0,848,140 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	0 4 0 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,186,409. 9,000. 9,	
Conduit Hydro Solor PV Solor Thermal Wind Ocean/Tidol Fuel Colls Copins Copysons #13 (Consolidated w/ 2006 Calpino Contract) Calpine Copysons #20 (Consolidated w/ 2006 Calpino Contract) Calpine Copysons #20 (Consolidated w/ 2006 Calpino Contract)	2,061,813 0,05 5,0 946,851 0,0 683,031 416,507 244,128 72,366 72,366 72,365 12,390 23,450 6,559	2,498,409 0 4 0 1,078,578 0 0 0 693,218 374,152 292,863 0 286,795 92,030	2,730,995 0 4 0 0 826,385 0 7 726,152 436,995 267,919 22,538 301,384 74,472 159,535 55,381	3,019,749 0 3 7 782,685 0 0 763,054 472,489 269,550 21,015 0 282,375 63,306 152,009 42,587	1,783,405 0 1 0 958,313 0 1 126,307 65,820 33,149 21,238 22,538 24,678 30,657 43,760	1,885,000 0 4 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0	2,889,251	2,782,816	0 4.4 9.848,140 0 0 0 0 0 0 0 0 336,000 99,000 169,000 169,000	2.773.062 0 4 0 9 846.140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,580,989 0 4 0 0 848,140 0 0 0 0 0 0 39,000 169,000 150,000	0 4 9 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,189,409, 4, 4, 679,219, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	
2002 Contracts. Calpine Geysers # 13 (Consolidated w/ 2008 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2008 Calpine Contract)	2,961,813 0 5 5 946,851 0 683,031 416,507 244,128 22,396 0 42,405 12,396 23,450	2,495,409 0 4 4 1,076,578 0 693,218 374,152 292,883 2,183 0 280,795 52,030 136,584 61,181	2,730,995 0, 4, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,	3,019,749 3 3 0 782,685 0 763,054 472,489 289,559 21,015 53,303 152,009 42,587 29,673	1,763,405 0, 1 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	1,985,000 0, 4 0, 4 0, 648,140 0, 0 0, 0 0, 0 0, 0 218,000 40,000 55,900 31,000	2,880,251	2,782,816	0 4.4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,723,062 0 4 0 946,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,580,989	0 44,140 0 0 0 0 0 0 0 0 0 0 305,000 180,000 180,000 0 0 0 0	2,198,408.	205.4
2002 Contracts Calpine Geysers # 13 (Consolidated w/ 2008 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2008 Calpine Contract)	2,061,813 0 0 5 5 0 0 946,851 0 0 683,031 416,507 244,128 72,366 0 42,405 12,388 23,450 6,559 0 0	2,499,409 0 4 0 0 1,078,578 0 693,218 374,152 292,883 29,183 0 289,795 92,030 136,584 61,181 0 0	2,730,895 0 4 4 4 6 826,386 0 776,152 435,095 267,919 22,533 0 301,384 78,472 159,535 53,381 7,977 9	3,019,749 9 13 9 762,685 0 753,054 472,489 299,550 21,015 0 282,375 63,303 152,009 44,587 0 448,480 0 0 0 0 0 0 0 0 0 0 0 0 0	1,783,405	1,885,000 0 0 348,140 0 0 0 0 0 0 0 216,000 40,000 40,000 55,000 0 611,308	2,889,251	2,782,816.	0 448,140 0 848,140 0 0 0 0 0 0 0 0 336,000 55,000 199,000 55,000 31,000 780,028	2,723,062 0 0 4 0 0 9 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,580,989 0, 4 0, 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0	0 4 0 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,198,409. 9,4 0,79,219. 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	205.4
2002 Contracts. Calpine Geysers # 13 (Consolidated w/ 2008 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2008 Calpine Contract)	2,061,813 0 5,5 0 946,851 0 683,031 416,807 2,44,128 22,366 0 42,405 12,386 23,459 0 6,559 0 0	2,489,409	2,730,995 0 4 0 0 826,386 0 7 76,152 435,995 267,919 22,538 0 301,364 78,472 199,535 53,381 7,977 0 181,922 45,918	3,019,749 3 3 0 782,665 0 763,054 472,489 289,580 21,015 0 282,375 63,305 152,009 442,847 245,873 0 448,480 75,623	1,783,405 0, 1 0, 0 958,313 0, 0 126,307 66,820 33,149 21,238 0, 225,536 94,979 90,957 93,749 94,650 94,650 95,640 95,	1,985,000	2,880,251 4 0, 9, 948,140 0 0 0 0 0 0 0 0 0 0 0 0 0	2,782,816	0 4.4 9.48,140 0 0 0 0 0 0 0 336,000 99,000 169,000 55,000 31,000 0 780,029	2,723,062 0 4 0 946,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,580,989	0 44,140 0 0 0 0 0 0 0 0 0 0 305,000 180,000 180,000 0 0 0 0	2,198,408, 9, 4, 4, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	205.6
2002 Contracts. Calpine Geysers # 13 (Consolidated w/ 2008 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2008 Calpine Contract)	2,061,813 0 0 5 5 0 0 946,851 0 0 683,031 416,507 244,128 72,366 0 42,405 12,388 23,450 6,559 0 0	2,499,409 0 4 0 0 1,078,578 0 693,218 374,152 292,883 29,183 0 289,795 92,030 136,584 61,181 0 0	2,730,995 0 4 0 826,383 0 0 776,152 435,995 267,016 22,533 0 301,364 78,472 159,335 55,331 7,977 0 181,922 45,618 88,495	3,019,749 3 3 0 752,665 0 0 753,054 472,489 289,550 21,015 0 262,375 63,303 152,009 445,480 75,623 130,916 57,118	1,783,405 0, 1 0, 0 958,313 0 125,307 68,820 38,149 21,238 64,876 69,957 43,760 36,480 56,820 66	1,985,000	2,880,251 4 0, 9, 948,140 0 0 0 0 0 0 0 0 0 0 0 0 0	2,782,816 	0 4.4 948,140 0 0 0 0 0 0 0 336,000 99,000 99,000 55,000 31,000 0 780,929 0 0 9,6467	2,723,062, 0, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	2,580,989	0. 4. 4. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	2,188,408, 9, 4, 4, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	205.4 1.168,
2002 Contracts. Calpine Geysers # 13 (Consolidated w/ 2008 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2008 Calpine Contract)	2,061,813 0 0 5 0 0 946,851 0 0 848,031 416,507 244,128 2,236 0 42,405 12,336 0 0 0 0 0 0 0 0 0 0 0 0	2,495,400	2,730,995 0 9 4 0 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3,019,749 3 3 782,665 0,753,054 472,489 269,550 21,015 33,303 152,809 42,587 23,573 448,480 75,623 30,918 57,148	1,763,405 0, 1 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	1,885,000 0,4,140 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	2,889,251	2,782,816	0 0 448,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,723,062 0 4 0 9 846,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,580,989	0, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	2,186,408,	1,168,1 31,468,1
Condult Hydro Sater FV Solar Thermal Wind Coentr/Tidal Fuol Colls Colprine Geysors # 13 (Consolidated w/ 2006 Colpino Contract) Calpine Geysors # 20 (Consolidated w/ 2006 Colpino Contract) Calpine Geysors # 20 (Consolidated w/ 2006 Colpino Contract)	2,061,813 0,05,5 0,000,000,000,000,000,000,000,000,000,	2,489,409	2,730,995 0 4 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9	3,019,749 3 3 0 782,665 0 763,064 472,489 289,550 21,015 633,308 152,909 42,587 23,573 23,573 23,573 23,573 23,573 23,573 24,587	1,783,405 1 1 0,0 958,313,0 0 0 125,307 68,920 38,149 21,238 94,978 9,957 43,760 33,240 0,25,368 0,568 0,57,769 0,577,769 0,577,769 0,577,769	1,985,000	2,880,251 4 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0	2,782,816 4 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0	0. 4.4. 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.	2,723,082,	2,580,989	0, 4 4, 2, 0 848,140, 0 0, 0 0, 0 0, 0 0, 0 0, 0 0, 0 0, 0	2,188,409. 9, 4, 4, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6, 6,	1,168,1 31,4 225,5,2
2002 Contracts Calpine Geysers # 13 (Consolidated w/ 2008 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2008 Calpine Contract) Wheelabrator Co Unit 4 (Expired end of 2007) Contract Name 2003 Contracts Community Renovable Energy Services Madera Power Big Valley Power Big Valley Power Confract Name 2004 Contracts Tri-Dam (Beardaley) Tri-Dam (Tulloch) Dieble Winds PPM Skileh 1 Wind	2,061,813 0 0 5 0 0 946,851 0 0 848,031 416,507 244,128 2,236 0 42,405 12,336 0 0 0 0 0 0 0 0 0 0 0 0	2,495,400 4 4 0 0 1,078,578 0 0 693,218 374,152 292,883 20,183 0,136,584 61,181 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	2,730,995 0,44 0,0 826,389 0,0 726,152 436,995 267,919 22,538 301,384 78,472 159,535 17,977 0,181,922 45,518 88,492 47,512 0,0 0,0	3,019,749 3 3 782,665 0,753,054 472,489 269,550 21,015 33,303 152,809 42,587 23,573 448,480 75,623 30,918 57,148	1,763,405 0, 11 0, 958,313 0, 0 126,307 65,820 33,149 21,236 0, 22,536 0, 657 30,657 43,760 33,240 0, 540,850 25,536 10,537 80,203 25,703 80,203 25,703 80,203 25,703 80,964	1,885,000 0,48,140 0,00 0,00 0,00 0,00 0,00 0,000	2,880,251 4 0, 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0	2,782,816 4 0 848,140 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 448,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,723,062 0 4 0 9 846,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,580,989	0, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,	2,188,408, 9, 4, 0, 0, 679,219, 0, 0, 0, 0, 0	1,168,1 31,4 225,2 108,1 102,1 281,2
2002 Contracts Calpine Geysers # 13 (Consolidated w/ 2008 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2008 Calpine Contract)	2,061,813 0 9,5 0 946,851 0 946,851 0 946,851 416,507 244,128 2,236 0 42,405 12,336 0,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,489,409	2,730,995 0,44 0,0 826,386 0,0 726,152 436,995 267,919 23,538 23,538 24,5472 1559,535 7,977 0,181,922 45,918 88,492 47,512 0,0 0,0 0,0	3,019,749 3 3 782,665 0,783,064 472,489 288,550 21,016 0,0 282,375 23,303 152,809 442,587 23,573 0,448,480 75,628 130,919 57,118 184,817	1,763,405 1 0 0,058,313 0 10 0,058,313 0 125,307 65,920 33,149 21,238 21,238 24,678 39,240 0 24,085 29,948 105,978 69,293 27,779 33,654	1,885,000 0,48,140 0,48,140 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	2,889,251	2,782,816	0 4 48 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,723,062 0 4 0 948,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,580,989		2,198,409. 9,100,000 679,219 0,000	2.151,20 205,44 205,44 1.168,11 31,41 225,22 1.108,11 1.102,1 2.108,11 1.102,1 2.108,11 1.102,1 2.108,11 1.102,1 2.103,1

В	Q	R	8	Т	U		W	T x	Y
RPS Compliance Report: Procurement I									
					•				
	Forecast MWh	Appendation of the Appendict of the Appe	gelysters receipted by	syakararan alabah					
Procurement Summary	2017	2018	2019	2020					
Total RPS Eligible Procurement	22,387,121	22,255,127	22,058,672	21,907,648					
Existing and/or Signed Contracts	8,218,873	7,725,182	7,241,254	6,638,751					
Short-listed/Under Negotiation/Pending Approval	5,607,502	5,598,931	5,327,402	5,321,640					
Generic Future Contracts	8,560,746	8,931,014	9,490,017	9,947,357			•		
Annual Contracting Quota Requirement	N/A	N/A_	N/A	N/A					
RPS Contracts: long-term and/or new facilities	a-a-a-a-a-a-a-a-a-a-a-a-a-a-a-a-a-a-a-	·,,·,,·,,·,							
RPS Contracts: short-term with existing facilities									
Surplus Contracting Quota Bank as of Prior Year	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~								
Banked Surplus Applied to Annual Quota									
Cumulative Surplus Contracting Queta Bank Minimum Annual Contracting Queta Shortfall									
Withinian Annual Contracting Goota Shortian									
					_				
RPS-Etigible Procurement By Resource Type	2017	2018	2019	2020					
Biomass	3,250,455	3,150,213	3,066,681	2 927 311	1				
Digester Gas	6,818	6,818	6,818	6,818	1				
Biodiosol	0	0	D	0					
Landfill Gas	152,854	152,854	152,854	152,854					
Muni Solid Waste	101,286	101,286	101,286	101,288					
Blopower Subtotal	3,511,413	3,417,171	3,327,639	3 188 270					
Geothormal	3,965,474	3,965,474	3,965,474	3,965,474					
Small Hydro Conduit Hydro	2,847,300 0	2,845,448 0	2,831,834 0	2,825,198 0					
Solar PV	3,062,906	3,054,334	3,046,805	3,039,584					
Solar Thermal	5,128,000	5,126,000	5,126,000	5,126,000					
Wind	3,870,029	3,842,699	3,767,920	3,759,122					
Constant Tidal									
Ocean/Tidal	4,000	4,000	4,000	4,000					
Ocean/Tidal Fuel Cells	4,000 0	4,000 0	4,000 0	4,000 0					
								····1	
	0	0	0	0	Contract Status	Facility Status		#	
Fuel Colis Contract Detail	0 2017	0 2018	0 2018	0 2020	Contract Status	Facility Status	Resource Type	# 3	
Fuel Cell's Contract Detail Pro-2002 Contracts	0 2017 3,589,759	0 2018 3,202,247	2019 2,776,986	0 2020 2,173,385				# # # # # # # # # # # # # # # # # # #	
Fuel Calls Contract Detail Pro-2002 Contracts Blemass	2017 3,589,759 1,389,564	0 2018 3,202,247 1,094,730	2019 2,773,986 796,289	0 2020 2,173,385 237,791	CPUC approved	online	Biomass		
Fuel Calls Contract Detail Pre-2002 Contracts Biomass Digenser Gas	0 2017 3,589,759 1,389,564 6,818	0 2018 3,202,247 1,094,730 6,818	2019 2,773,986 795,289 6,818	2020 2,173,385 237,791 6,818	CPUC approved CPUC approved		Biomass Digester Gas		
Fuel Calls Contract Detail Pre-2002 Contracts Biomass Dipaster Gas Biodiesol	2017 3,588,759 1,389,564 6,818 0	2018 3,202,247 1,094,730 6,818 0	2019 2,776,986 796,289 6,818 0	2020 2,173,385 237,791 6,818	CPUC approved CPUC approved	online online	Sicmass Digester Gos Biodiosol	2	
Fuel Calis Contract Detail Pro-2002 Contracts Biognass Digester Gas Biodised Landfill Cas	0 2017 3,589,759 1,389,564 6,818	0 2018 3,202,247 1,094,730 6,818	2019 2,773,986 795,289 6,818	2020 2,173,385 237,791 6,818 0 0 47,897	CPUC approved CPUC approved CPUC approved	online	Siomass Digester Gas Biodional Landfill Gas		
Fuel Calls Contract Detail Pre-2002 Contracts Biomass Dipaster Gas Biodiesol	2017 3,588,759 1,389,564 6,818 0 47,897	2018 3,202,247 1,094,730 6,818 0,47,897	2019 2,776,986 795,269 6,818 0 47,897	2020 2,173,385 237,791 6,818 0 47,897 0	CPUC approved CPUC approved CPUC approved CPUC approved CPUC approved CPUC approved	cnline online cnline cnline	Sicmass Digester Gos Biodiosol		
Fuel Calls Contract Detail Pro-2002 Contracts Blomans Dignetier Gas Blodienel Landfill Can Munt Solid Wante	2017 3,589,759 1,389,564 6,818 0 47,897 0 0 1,984,076	2018 3,202,247 1,094,730 6,818 0,47,897 0 1,976,670	2019 2,773,986 795,269 5,618 0 47,897 0 1,926,986	2020 2,173,385 237,791 6,818 0 47,897 0 1,880,863	CPUC approved	online online online	Biomass Digester Gas Biodesel Lendfill Gas Munt Solid Watte Geothermal Small Hydro		
Fuel Calls Contract Detail Pre-2002 Contracts Biomass Dipaster Gas Biodissol Landfill Can Muni Solid Wester Gaothermal Smill Hydro Conduit Hydro Conduit Hydro	2017 3,589,759 1,389,564 6,818 0 47,897 0 0 1,984,076	2018 3, 202, 247 1,094,730 6,818 0 47,697 0 0 1,976,570	2019 2,776,986 795,269 6,818 0 47,597 0 0	0 2020 2,173,385 237,791 6,818 0 47,897 0 0 0 0 0 0 0	CPUC approved	online online online online online online online online	Biomass Digester Gas Bioditodi Lendfill Gas Muni Solid Wasto Geothermal Small Hydro Conduit Hydro		
Fuel Calis Contract Detail Pro-2002 Contracts Biomass Diamster Cas Biodiesol Londfill Cen Muni Solid Wester Geothermal Smill Hydro Conduit Hydro Solier PY Solier PY	2017 3,589,759 1,389,564 6,818 0 47,897 0 1,984,076 0	2018 3,202,247 1,094,730 6,818 0,47,897 0,1,976,570	2019: 2,773,986 795,289 6,818 0,0 47,897 0,0 1,926,986 0,4	0 2,173,385 237,791 6,818 0 47,897 0 0 1,580,863 0 4	CPUC approved	online online chine online online	Biomass Digester Gas Digester Gas Siedonol Londilli Gas Muni Solid Waste Geothermal Small Hydro Conduit Hydro Solar PV		
Fuel Calls Contract Detail Pre-2002 Contracts Diemans Diema	2017 3,588,759 1,389,564 6,818 0 47,897 0 0 1,984,079 0 4	2018 3,202,247 1,094,730 6,818 0, 47,897 0, 0, 1,976,570 4	2019 2,773,886 795,289 6,818 0 47,897 0 0 1,920,996 4	2020 2,173,385 237,791 6,818 0 47,897 0 0 1,980,850	CPUC approved	online entine conline conline conline conline conline conline conline conline	Biomass Digester Gas Biodicol Lendill Gas Mun Solid Watto Geothermal Small rlydro Conduit Hydro Solar PV Solar Thormal		
Fuel Calls Contract Detail Pro-2002 Contracts Blomass Digneter Gas Blodinsol Londfill Con Mani Solid Weste Gesthermal Smill Hydro Conduit riydro Solar TPV Solar TPV Solar TPV Wind	0 2017 3,588,759 1,389,504 6,818 0 47,897 0 1,984,076 0 4 4 4 151,400	0 2018 3,202,247 1,094,730 6,813 0 47,897 0 1,976,670 9 4 0 76,128	2018 2,776,986 795,289 6,813 0 47,897 0 1,926,986 0 4,4	0 2020 2,173,385 237,791 6,818 0 47,897 0 1,580,863 0 4 4	CPUC approved	online online online online online online online online	Biomass Digester Gas Digester Gas Biodienel Landfill Gas Muni Solid Waste Geothermal Small Hydro Condult Hydro Solar PV Solar PN Wind		
Fuel Calls Contract Detail Pro-2002 Contracts Blomess Dignesier Cas Blodiewal Landfill Can Munt Solid Waste Geothermal Small Hydro Conduit Hydro Solar PV Solar Thermal Wind Ocenn/Tidal	0 2017 3,889,759 1,389,564 6,818 0 47,887 0 1,984,076 0 0 1,984,076 4 4 1,000	0 2018 3.202,247 1.094,730 6.816 0 47,897 0 0 1,976,370 4 4 0 76,128	2018 2,773,998 795,289 6,818 0, 47,897 0, 0, 1,926,996 4, 4, 0, 133	0 2020 2,173,385 237,791 6,818 0 47,887 0 0 1,880,863 0 4 4 0 0	CPUC approved	online entine conline conline conline conline conline conline conline conline	Biomass Digester Gas Biodinol Lendill Gas Muni Solid Waste Geothermal Small Hydro Canall Hydro Solar FV Solar Thermal Wind Ocean/Tidal		
Fuel Calis Contract Detail Pro-2002 Contracts Biomass Digneter Gas Biodissol Landfill Con Muni Solid Waste Geothermal Small Hydro Cendust Hydro Condust Hydro Solar Thormal Wind Ocenn/Tidal Fuel Colis	0 2017 3,588,759 1,389,504 6,818 0 47,897 0 1,984,076 0 4 4 4 151,400	0 2018 3,202,247 1,094,730 6,03 0,0 0,0 1,976,670 0 76,128 0	0 2019 2,776,986 795,289 6,818 0,0 1,926,986 0,0 1,926,986 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	0 2020 2,173,385 237,791 6,818 0 0 0 1,580,833 0 0 0 0 0 0 0 0 0 0 0 0 0	CPUC approved	coline	Biomass Digester Gas Bioditodi Lendfill Gas Muni Solid Wasto Geothermal Small Hydro Conduit Hydro Solar PV Solar Thomal Wind OcentTital		
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Fuel Calis Contract Detail Pro-2002 Contracts Biomass Dignster Gas Blodiesd Londfill Gas Mani Solid Weste Gesthermal Small Hydro Conduit Hydro Conduit Hydro Solor TPV Solor TPV Solor TPV Solor Thermal Unified Ceann/Tidal Fun (Calis Coolin Calis Coolin	0 2017 3,589,759 1,389,594 6,818 6,818 6,918 6,	0 2018 3,202,247 1,094,739 0 0 0 1,976,970 0 0 76,128 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2019 2776,996 795,289 6,818 0 47,897 0 0 1,926,996 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2020 2,173,385 237,791 6,818 0,147,897 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	CPUC approved	online catine ca	Glomass Digester Gas Digester Gas Biodeteol Lendfill Gas Mrus Solid Waste Geothermal Small Hydro Conduit Hydro Solar TPV Solar Thermal Wind Ocean/Tidol Fed Colis Rescuren Type Goothermal Biomass Solar Thermal Biomass	Starting in 2007, RPS-obligated LSEs calendar year, enter into long-term cor term contracts with new facilities for en equivalent to at least 0.25% of that LS	must, in eac atracts and/o norgy deliver E's prior yea
Fuel Calis Contract Detail Pre-2002 Centracts Biomass Digenter Gas Bioclesed Landfill Can Muni Solid Waste Geothermal Small Hydro Contest Hydro Solar PV Solar Thornal Wind OcennorTidal Fuil Colis Fuil Colis Calpine Geysers # 13 (Consolidated w/ 2005 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2005 Calpine Contract Wheelshorter Co Unit 4 (Expired and et 2007) Contract Name 2003 Centracts Community Renovable Energy Services Maders Power Sierra Power Sierra Power Sierra Power Tri-Dam (Boerdsley) Tri-Dom (Tulicch) Diabio Winds PPM Shiloh 1 Wind Bound Vista Wind Bound Vista Wind Bound Vista Wind	0 2017 3,589,759 1,389,594 6,818 0,0 1,389,594 0,0 1,984,076 0,0 1,984,076 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	0 2018 3,202,247 1,094,730 0,0 1,076,670 0,0 1,976,670 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	0 2019 2776,996 795,289 6,818 6,818 6,90 0 1,926,996 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2020 2,173,385 237,791 6,818 6,818 6,810 0 1,580,863 0 0 1,580,863 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CPUC approved	online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online	Siomass Digester Gas Digester Gas Biodersol Lendfill Gas Muni Solad Waste Geothermal Small Hydro Conduit Hydro Conduit Hydro Solar PV Solar Thermal Wind Ocean/Tidal Fuel Cells Resource Type Geothermal Geothermal Biomass	Starting in 2007, RPS-obligated LSEs calendar year, enter into long-term contracts with new facilities for a equivalent to at least 0.25% of that LS ratall sales ("minimum quantity") in ord	must, in each htracts and/o norgy deliver E's prior year der to be able
Fuel Cells Contract Detail Pro-2002 Contracts Blomass Disnater Gas Blodissol Londfill Con Muni Solid Weste Gachermal Small Hydro Conduit riydro Solor TPV Solor TPV Solor TPV Solor Thormal Vind CeanorTidal Fun Cells 2002 Contracts Calpine Ceysors # 13 (Consolidated w/ 2003 Calpine Contract) Calpine Ceysors # 20 (Consolidated w/ 2005 Calpine Centract) Whoelabrator Coult 4 (Expired and of 2007) Contract Name 2003 Contracts Community Renowable Energy Sarvices Maders Power Siora Power Siora Power Siora Power Ti-Dam (Boardsley) Ti-Dam (Boardsley) Ti-Dam (Boardsley) Ti-Dam (Boardsley) Ti-Dam (Tilliach) Diable Winds PPM Shinh I Wind Buena Vista Wind PPL Montecuma	0 2017 3,588,759 1,389,564 6,0 0 0 1,984,076 0 1,984,076 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2018 3,202,247 1,094,739 0,0 0,0 1,976,970 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	0 2018 2,776,986 795,289 6,618 0,1926,985 0,0 1,926,985 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	0 2020 2,173,385 237,791 6,818 0,100 0,00 0,00 0,00 0,00 0,00 0,00	CPUC approved	online entine Facility Status online entine Facility Status online entine Facility Status online entine enti	Stomass Dipester Gas Dipester Gas Biodeteol Lendfill Gas Mrui Solid Waste Geothermal Small Hydro Conduit Hydro Solar TPV Solar Thermal Wind Occon/Tidal Fel Colin Rescuren Type Geothermal Biomass Bio	Starting in 2007, RPS-obligated LSEs calendar year, enter into long-term contracts with new facilities for a equivalent to at least 0,25% of that LS ratell sales ("minimum quantity") in or count energy deliveries from short-term	must, in each ntracts and/o norgy deliveri E's prior year der to be able n contracts y
Fuel Calis Contract Detail Pre-2002 Centracts Biomass Digenter Gas Bioclesed Landfill Can Muni Solid Waste Geothermal Small Hydro Contest Hydro Solar PV Solar Thornal Wind OcennorTidal Fuil Colis Fuil Colis Calpine Geysers # 13 (Consolidated w/ 2005 Calpine Contract) Calpine Geysers # 20 (Consolidated w/ 2005 Calpine Contract Wheelshorter Co Unit 4 (Expired and et 2007) Contract Name 2003 Centracts Community Renovable Energy Services Maders Power Sierra Power Sierra Power Sierra Power Tri-Dam (Boerdsley) Tri-Dom (Tulicch) Diabio Winds PPM Shiloh 1 Wind Bound Vista Wind Bound Vista Wind Bound Vista Wind	0 2017 3,589,759 1,389,594 6,818 0,0 1,389,594 0,0 1,984,076 0,0 1,984,076 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,	0 2018 3,202,247 1,094,730 0,0 1,076,670 0,0 1,976,670 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	0 2019 2776,996 795,289 6,818 6,818 6,90 0 1,926,996 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2020 2,173,385 237,791 6,818 6,818 7,827 0 0 1,880,863 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CPUC approved	online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online online	Siomass Digester Gas Digester Gas Biodersol Lendfill Gas Muni Solad Waste Geothermal Small Hydro Conduit Hydro Conduit Hydro Solar PV Solar Thermal Wind Ocean/Tidal Fuel Cells Resource Type Geothermal Geothermal Biomass	Starting in 2007, RPS-obligated LSEs calendar year, enter into long-term contracts with new facilities for a equivalent to at least 0.25% of that LS ratall sales ("minimum quantity") in ord	must, in each ntracts and/o norgy deliveri E's prior year der to be able n contracts y

	В	С	. В	E	F	G	H	· ·	J	Ιк	l i	М	N	0	Р
77	2005 Contracts	0	ō	D	0	27,280	125,179	282,179		530,512	1,906,512	2,716,179	2,858,179	2,858,179	2,858,179
78	Edon Vale Dairy	0	0	0	0	0	0	TBO	тер	TBO	ТВР	TBO	TBD	TBO	TBD
79	Tunnol Hill Hydro (Contract terminated & replaced by new AB 1989 contract)		0	0	0	0	0	0	1 .	1 0		0	0		0
H	Buckeye Hydro (Contract terminated & replaced by														
80	new AB 1959 contract)		Ŏ	0	0.0	0 0		72,000	72,000	72,000	72,000	72,000	72,000	72,000	72,000
81	Global Ampersand Chowchilla Global Ampersand El Nido	<u> </u>	0		0			72,000		72,000	72,000			72,000	72,000
83	Bottle Rock Geothermal	Ö	Ö		0			113,179	113,179	113,179	113,179	113,179	113,179	113,179	113,179
84	HFI BioPowor		0	0	0			0			35,000			142,000 35,000	142,000 35,000
85	Liberty V Energy Center Newberry Geothermal	8	0		0	0		0				420,000	35,000 420,000	420,000	420,000
87	Truckhaven	ő	Ö			0	0	0	0	0	366,000	366,000	366,000	366,000	366,000
88	Sotol	0	0	0	0	a	0	0	0	0	578,333	1,388,000	1,388,000	1,388,000	1,388,000
89	PALCO	0	C	0	0	1,224	12,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
91	Contract Name	, o	0	0	0	0		0	0	0	0	. 0	0	0	ņ
92	Contract Name	0				0		0			0 000 440		2,132,085		2,624,085
93	2006 Contracts Calpine 2006 Contract	0		0			1,909,167 1,644,000	2,710,000 1,644,000			3,280,418 1,644,000	1,640,086	2, 102, U85 0	2,024,005	2,524,065
95	PPM Klondike III	<u>~</u>		1		14,656	265,000	265,000		265,000	265,000	265,000	265,000	265,000	265,000
96	Bie Energy LLC	0		0			TBD	TBD	TBD	TBD	TBO	TBD	TBD	TBD	TBD
97	Microgy Green Volts	0		0	0	0	TBD 167	TBD 2,000	TBD 2,000	TBD 2,000	TBD 2,000	TBD 2,000	2,000	TBD 2,000	TBD 2,000
80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 98	CelRenew America	, ä	0			0	0	2,500	6,057	9,085	9,085	9,085	9,085	9,085	9,085
П	Arlington/Rattlesnake Road Wind Power Project														
100 101 102 103 104 105 107 108 109 111 112 113 114 115 116	(formerly Horizon)		ļ <u>Š</u>	<u> </u>	0	0	0	80,000	240,000 0		240,000 365,000	240,000 365,000	240,000 365,000	240,000 365,000	240,000 365,000
101	Auera Bright Source	0		0 0									736,000	1,230,000	1,230,000
103	enXco Shilioh II	Ō	0	0	0	Ō				509,000	509,000	509,000	509,000	509,000	509,000
104	and an arm of all the transfer and a contract of the contract	year and the second		Contractive Contra	yawaningaya alaba ya O	ocean contribute contribute of the Contribute of	10-1-00-20-00-00-00-00-00-00-00-00-00-00-00-	gyvininger i sigargavar gart O	0	0	333	4,000	4,000	4,000	4,000
105	Finavera Contract Name	0	0	0			Ö							4,000	4,000
107	Contract Name	0	0	0	0	Q	Q	0	0			0		Ö	O.
108	2007 Contracts	0	0	0	0	225	1,489,583	1,978,583	2,061,250	2,637,390	4,017,821	5,073,806	5,123,592	3,581,890	3,575,544
109	Eviva / San Joaquin Solar 1 & 2	0	O	0	٥	0	C	C	0	350,000	700,000	700,000	700,000	700,000	700,000
111				Administração	Note 14 than to the place	Control of the Control	arta fara yake sara	partya. Joseph		ergalera i alli ja e					- 10 April 60
112	- こうしょう しゃっぱき スムタギ														
113	30.00 · 10 · 10 · 24.00 · 25.00 · 34.00 · 35.00														
115															34 SA 34 SA
116	OptiSotar/Topaz Solar Farms, LLC	0	0	0	0	0	0	0		140,667	594,360	1,095,644	1,148,405	1,142,663	1,139,261
117	SunPower/High Plains Ranch II, LLC (formerly		٥				۸ .	0	0	59,640	238,262	594,912	591,937	588,978	586,033
118	Powerlight) POSE AT&T Pork Solar Arrays	0		0	ő	79	156							156	
]	l			
119	PG&E San Francisco Service Center Solar Array 1	0	0	0	0	49	97	97	97	97	97	97	97	97	97
120	PG&E San Francisco Service Center Solar Array 2		۱ ،	0	0	98	197	197	197	197	197	197	197	197	197
	Calpine Geysers Power - Baseload - 2008 QF			***************************************	,,			, , , , , , , , , , , , , , , , , , , ,		T T					
121	Restructuring Contract	Š	, o	0	0	0	1,407,000	1,633,000 140,800	1,533,000	1,533,000	1,537,200 140,800	1,533,000		140,800	140,800
122	VVadham 2008 Replacement Contract Contract Name	0						140,800			140,800		140,800	140,600	140,000
124	Contract Namo	0	O.	0	0	Q	0	0	0	Q	0		0	Ö	0
121 122 123 124 125 126	2008 Contracts	0									218,301				138,587
126	Tunnel Hill AB1989/CPUC D.07-07-027 Contract	0		+	0	<u> </u>		1,183	1,577	1,577	1,577	1,577	1,577	1,577	1.577
127	Buckeye Hydro AB1989/CPUC D 07-07-027 Contract		0	0	0	0	250	1,051	1,051	1,051	1,051	1,051	1,051	1,051	1,051
1 1													Ţ		
128	Shastaviow, Inc A81969/CPUC D.07-07-027 Contract	0	0	0.		0	500	2.278	2,278	2,278	2,278	2,278	2,278	2,276	2,278
129	Sixteen to One Hydro Plant AB1969/CPUC D.07-07- 027 Centract	0	0	0		0	[77	131	131	131	131	131	131	131
	RTR Global Invests/Milpitas Landfill AB1969/CPUC			1		······································					T	T			
130	D.07-07-027 Contract	0	0	0	0	C	1,643	6,570	6,570	6,570	6,570	6,570	6,570	e,670	6,570
131	RTR Global Invests/American Canyon Landfill AB1989/CPUC D.07-07-027 Contract	۵ ،	0	0	n	o		2,336	3,504	3,504	3,504	3,504	3,504	3,504	3,504
	RTR Global Invests/Menio Park Landfill			1					T			T	Ĭ		
132	AB1969/CPUC D.07-07-027 Contract	0		0		0		1,533	2,300	2,300	2,300	2,300	2,300	2,300	2,300
133	RTR Global Invests/Guadalupe Minos Landfill AB1969/CPUC D.07-07-027 Contract	۱ .	0		0	0		1,582	2,343	2,343	2,343	2,343	2,343	2,343	2,343
1.32	RTR Global Invests/Visalio Landfill AB1969/CPUC	†*****************************	 	† <u>`</u>	·	· · · · · · · · · · · · · · · · · · ·		1,20%							
134	D.07-07-027 Contract	0	0	0	. 0	0		2,380	3,570	3,570	3,570	3,570	3,570	3,570	3,570
400	RTR Global Invosts/Santa Cruz Landfill	0	0	0		,		2,570	3,854	3.854	3,854	3.854	3.854	3.854	3.864
136 137 138 139 140	AB1969/CPUC D.07-07-027 Contract		L D	0	D Grand State of the Control of the	O CONTRACTOR		∠,570	1 3,854	3,854	1 3,854	. 3,854	3,854	3,654	5,004
137	[2] 中国的国际公司,中国的国际国际国际														
138															
139	Contract Name	0	٥	0	0	0	0	0	. 0	0	C	0	0	C	0
141	Contract Name	0			ŭ										

2005 Contracts	TAI B		р	- a -	т	11	- V	T w	1 x	r
Text			2,858,179	2,858,179	2,858,179	Contract Status	Facility Status	Resource Type	Contract Length / Type	Contract Volume (MWh)
20	78 Eden Vale Dairy									
Description of the control of the	Tunnel Hill Hydro (Contract terminated & replaced by	i			_					
March Control Contro		0	ļ <u>0</u>	0	<u>_</u>	terminated after execution	n/a - contract terminated	Small Hydro	n/a	
Comparison Com	Buckeye Hydro (Contract terminated & replaced by	,	0		n	terminated after execution	n/a = contract terminated	Small Hydra	n/a	
Allegoen-Restrictions Froat Variety Project 190,000	81 Global Ambersand Chowchillo	72 000	72 000	72,000	72.000			Blomass		***************************************
Allegia Perfection Road Word Proved Proped To Comment Proped To Co	82 Global Ampersand El Nido		72,000	72,000					n/a	
Allegia Perfection Road Word Proved Proped To Comment Proped To Co	83 Bottle Rock Geothermal	113,179	113,179	113,179			online			
Allegia Perfection Road Word Proved Proped To Comment Proped To Co	84 HFI BioPower					CPUC approved				
## Afrigore-Residence Read Vand Prover Propect	85 Liberty V Energy Center	35,000	35,000	35,000		CPUC approved				
All profestional foat Ward Prover Project Post Comment Post C	86 Newberry Geothermal					CPUC approved				
## Afrigore-Residence Read Vand Prover Propect	AR Solei	1.388,000	1.388.000	1.388,000		CPUC approved				1,388,000
Allegoen-Restrictions Froat Variety Project 190,000	89 (2005)	Department of the last	r , metalene et Matiki	er vans Maran (raker#64)	constitues billion e constitu	yğen ben ayvatıy reşibetiniy ilk iğasını ayvasıyı (Soci	Acestroscopie escapaciones acceptatos con cessos escapaciones	at the meadage commentered as a security	angan sa angan ang sa	ar en la compresso de la compr
Allegoen-Restrictions Froat Variety Project 190,000	RD PALCO					CPUC approved	online	Biomass	n/a	
Allegoen-Restrictions Froat Variety Project 190,000	91 Contract Name	***************************************	***************					·		
A fingle-Reference Food Property (1995) 1995 (1995) 19	92 Contract Name					. Comband Status	Co-Mite Ctate o	Banautan Tima	Control Control	Contract Volume (MWh)
Allegoen-Restrictions Froat Variety Project 190,000	Calaba 2006 Contracts	2,624,085			2,024,066	CPLIC annroyed				Commet Volume (NIVVII)
Allegoen-Restrictions Froat Variety Project 190,000	GS PPM Klandike III	265 000			265,000	CPUC approved				265,000
Allegoen-Restrictions Froat Variety Project 190,000	96 Bio Energy LLC		Teo						n/a	
A fingle-Reference Food Property (1995) 1995 (1995) 19	97 Microgy	TBD	TBD			CPUC approved				
A fingle-Reference Food Property (1995) 1995 (1995) 19	98 Green Volts	2,000		2,000		CPUC approved				2,000 9,085
		9,085	9,085	9,085	9,085	pending CPUC approval	under development - delayed	Soler PV	2007 long-term	9,085
SunPower/High Palms Ranch LLC (ermerly 583,103 990,187 677,286 774,400 sending CPUC approval under development - on schoolule Solar PV 2008 long-torm	Arlington/Rettleanake Road Wind Power Project	0.00	040		OAD COO	I	and a design and a second	Miled	2009 land town	010.000
Sur-Power/High Palma Rancel II, LC (ermorly 583,103 580,187 577,286 574,400 590,187 577,286 574,400 590,187 577,286 574,400 590,187 575 585 155 585 155 585 155 585 155 585 155 585 155 585 155 585	100 (Tormerly Horizon)					princing CPUC approval	union development - on schedule			240,000 365,000
Sur-Power/High Palma Rancel II, LC (ermorly 583,103 580,187 577,286 574,400 590,187 577,286 574,400 590,187 577,286 574,400 590,187 575 585 155 585 155 585 155 585 155 585 155 585 155 585 155 585	102 Rright Source	305,000	1 230 000	1,230,000	1,290,000	pending CPUC approval				1,230,000
Sur-Power/High Palma Rancel II, LC (ermorly 583,103 580,187 577,286 574,400 590,187 577,286 574,400 590,187 577,286 574,400 590,187 575 585 155 585 155 585 155 585 155 585 155 585 155 585 155 585	103 enXec Shiich II	509,000	509,000	509.000						509,000
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Sur-Power/High Palma Rancel II, LC (ermorly 583,103 580,187 577,286 574,400 590,187 577,286 574,400 590,187 577,286 574,400 590,187 575 585 155 585 155 585 155 585 155 585 155 585 155 585 155 585	105 Finavera	4,000	4,000	4,000	4,000	pending CPUC approval	under development - on schedule	Ocean/Tidal	2007 long-term	4,000
Sur-Power/High Palma Rancel II, LC (ermorly 583,103 580,187 577,286 574,400 590,187 577,286 574,400 590,187 577,286 574,400 590,187 575 585 155 585 155 585 155 585 155 585 155 585 155 585 155 585	106 Contract Name					***************************************		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
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Powerlight		1,131,265	1,125,608	1,119,980	1,116,646	pending CPUC approval	under development - on schedule	Solar PV	2008 long-term	1,148,000
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Calpine Goyans Power - Baseload - 2008 GF 0 0 0 0 CPUC approved online Cacitormal 2008 short-term / existing 200		1								
Restructuring Contract	120 PG&E San Francisco Servico Center Solar Array 2	197	197	197	197	executed - no approval needed	online	Solar PV	2007 long-torm	197
Buckeye Hydro AB1989/CPUC D 07-07-027 Contract 1,051 1,0	Calpine Geysers Power - Baselood - 2008 QF			ا ا		00110			2000	1.533.000
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Buckeye Hydro AB1989/CPUC D 07-07-027 Contract 1,051 1,0	123 Contract Name						CHANG		2006 long-turm	140,800
Buckeye Hydro AB1989/CPUC D 07-07-027 Contract 1,051 1,0	124 Contract Name				<u>.</u>	***************************************		···		***************************************
Buckeye Hydro AB1989/CPUC D 07-07-027 Contract 1,051 1,0	125 2008 Contracts				138,587	Contract Status	Facility Status			Contract Volume (MWh)
178 Shatehvew, Inc AB1989/CPUC D 07-07-027 Centract 2.278 2.27	126 Tunnel Hill AB1969/CPUC D.07-07-027 Contract		1,577	1,577	1,577	executed - no approval needed	under development - on schedule	Small Hydro		1,577
198 Sheetavlew, Inc AB1999/CPUC D 07-07-027 Contract 2,278 2,2		1						1 - ""		
Skdeen to One Hydro Plant AB1989/CPUC D.07-97- 131 131 131 131 131 131 executed - no approval needed under development - on schedule Small Hydro 2008 long-term	127 Buckeye Hydro AB1989/CPUC D.07-07-027 Contract	1,051	1,051	1,051	1,051	executed - no approval needed	under development - on schedule	Small Hydro	Z008 long-term	1,051
Skdeen to One Hydro Plant AB1989/CPUC D.07-97- 131 131 131 131 131 131 executed - no approval needed under development - on schedule Small Hydro 2008 long-term	Shortoviny Inc Abt Conjecture D. 07 07 07 07 0-1	2 270	0.070	2 222	2 270	avanuted - no unnum of modes	under development on rehealth	Small Hydro	2008 tong-torm	2,278
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STR Global Invests/American Carryon Landfill Strategy Strate	129 027 Contract	191	131	131	131	executed - no approval needed	under development - on schedule	Small Hydre	2008 long-term	131
D. Or. 07-072 Contract S. 670 S. 570 S.	RTR Global Invests/Miloites Landfill AB1969/CPUC	/ 		191			STAGE SOCKED TOWN - ST. POLICONIO		Ludo inig com	
RTR Global Invests/Annoican Carryon Landfill As 1989/CPUC D.07-07-07 Contract 3,554 3,	130 D.07-07-027 Contract	6.570	6.570	6,570	6.570	executed - no approval needed	under development - on schedule	Landfill Gas	2008 long-term	6,570
RTR Global Invests/Mania Park Landfill AB1989/CPUC D.07-07-07 Contract 2,300 2,300 2,300 2,300 2,300 0,xocuted - no approval needed under development - on schedule Landfill Gas 2008 long-term	RTR Global Invests/American Canyon Landfill									
32	131 AB1969/CPUC D.07-07-027 Contract	3,504	3,504	3,504	3,504	executed - no approval needed	under development - on schedule	Landfill Gas	2008 long-term	3,504
RTR Global Invests/Guadelupe Milnes Landfill AB1989/CPUC D/7-07-07C centract 2,343 2								L==### D==		
133		2,300	2,300	2,300	2,300	executed - no approval needed	under development - on schedule	Landtiii Gas	2008 long-term	2,300
RTR Global Invests/Visalia Landfill AB1989/CPUC 3,570 3,		2 242	2 242	2242	2 242	avecuted - no engraval pooded	under devolpnment – on schodule	Landfill Gos	2008 Inno-term	2,343
154 D.07-07-D27 Centract 3.670 3.570 3.570 3.570 oxecuted - ne approval needed under development - on schedule Lendfill Gas 2008 long-term TR Global Invested Stanta Cruz Landfill C	RTR Global Invests Affection Landfill AR1980/COLIC	4,043	F. 243	5,343	51343	DAGGGGG = NO APPROVAL HORIZOS	and a development - on schoolie	Landin Gas	2000 10112-10111	K1343
RTR Global Investe/Santa Cruz Landfill	134 D.07-07-027 Contract	3.670	3,570	3.570	3,570	executed - ne approval needed	under development - on schedule	Landfill Gas	2008 Iona-term	3,570
135 AB1989/CPUC D.07-07-027 Contract 3,854 3,854 3,854 3,854 axecuted - no approval needed under development - on schedule Lendfill Gas 2008 long-term 1391	RTR Global Invests/Santa Cruz Landfill					pagaman pingan tan pang tanggan panggan	وسهرها الكارات المناها والمهمون والماكان الوابات المناها والمناها والمناها والمناها والمناها والمناها والمناها			
138) 157 158	135 AB1969/CPUC D.07-07-027 Contract	3,854	3,854	3,854	3,854	executed - no approval needed	under development - on schedule	Landfill Gas	2008 long-term	3,854
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143	Generic Biomass Generic Digester Ges	0	0	0	0	0.0	0	0	4,687 0	4,667 0	40,667 0	116,393 0	258,700 D	822.831 0	1,026,921 0
145	Generic Biodiesel	0	0	0 0 0	0	0	0	3,015	0 3,625	0 3,625	0 12,073	0 20,945	0 50,313	0 74,433	0 82,256
145	Generic Landfill Gas Generic Muni Solid Waste	0	Ö	0	ō	D	0	91.634	101,286	101,288	101,286	101,286	101,286	101,286	101,286 2,460,295
148	Generic Geothermal General Small Hydro	0	0	0	0	0	356 0	3,518 7,915	3,518 38,250	3,518 40,062	11,518 51,642	1,260,518 165,690	1,284,518 342,076	2,450,452 591,773	2,460,295 625,134
150	General Conduit Hydro	Đ.	0	0	0	0	0	0	0	0	140,000	0 420,000	0 840,000	0 1,120,000	0 1,260,000
151	Generic Salar PV Generic Salar Thormal	0	0	0	0		0	0	0	0	140,000	420,000	840,000	1,120,000 700,034	1,260,000 1,153,582
153	Generic Wind Generic Ocean/Tidal	0	0	0	0 0	0	0	0	0	0	72,000	218,000 0	432,000 0	700,034	1,153,582
155	Generic Fuel Cells	Ģ	0	0	0	0	0	162,681	428,819	0 496,252	0 518,125	2,319,844	2,624,120	5,173,368	5,958,612
156 157	Expired Contracts (delivered in prior year)	0	0	0	0	o Services (SS) SS	23,712	162,681	428,819	480,252	516,125	2,3 9,844	2,024,120	5,173,308	0,908,012
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142 Generic Future Contracts 143 Generic Blomass	1,374,091	1,656,817	1,925,412		Includes est_deliveries from future year	REOs. hilaterais & exist, contract retenti-	on Blomass	1	
144 Generic Digester Gas	0	0		0	Includes est, deliveries from future year	REOs, bilatorais & exist, contract retenti-	on Digester Gas	1	
146 Generic Biodiesol	ŏ	ő		0	Includes est. deliveries from future year	RFOs, bilaterals & exist, contract retentle	n Biodicael	1	
146 Generic Landfill Gas	82,816	62,816	82,816	82.816	Includes est. deliveries from future year	RFOs, bilatera is & exist, contract retenti-	n Landfill Gas	1	
147 Generic Muni Solid Waste	101,285	101.286	101,286	101,286	includes est, deliveries from future year	RFOs, bilatera a & exist, contract retenti	n Muni Solid Waste	1	
148 Generic Goothermal	2,460,295	101,286 2,480,295	2,460,295	2.460.295	Includes est, deliveries from future year	RFOs, bilaterala & exist, contract retentie	on Geothermal	7	
149 General Small Hydro	747,138	752,691	788,761	827,888	Includes est, deliveries from future year	RFOs, bilaterals & exist, contract retentle	on Small Hydro]	
150 General Conduit Hydro	0	0	. 0	0	Includes est, deliveries from future year	RFOs, bilaterals & exist, contract retenti-	on Conduit Hydro	3	
151 Generic Solar PV	1,260,000	1,260,000	1,260,000	1,260,000	Includes ast deliveries from future year	RFOs, bilaterals & exist, contract retentle	on Solar PV]	
152 Generic Soler Thermal	1,260,000 1,275,121	1,260,000	1,260,000	1,260,000	Includes est. deliveries from future year	RFOs, bilaterais & exist, contract retenti-	on Solar Thermal]	
153 Generic Wind	1,275,121	1,357,109	1,611,446	1,611,550	Includes est, deliveries from future year			_	
164 Generic Ocean/Tidal	0	0	0	0	Includes est, deliveries from future year	RFOs, bilaterals & exist, contract retenti-	on Ocean/Tidal	_	
155 Generic Fuel Cells	. 0	0	0	0	Includes est, doliveries from future year	RFOs, bilaterals & exist, contract retenti-	n Fuel Cells	4	
156 Expired Contracts (delivered in prior year)	6,746,616	7,240,307	7,985,644	8,595,789	notes			-	
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274 275 276 276 276 276 276 276 277 277 278 277 278 277 278 277 278 278	Whoolabrator Co Unit 4 SFWP (fix OWID) - Silv Crook SFWP (fix OWID) - Kelly Rildge Tri-Dam (Benratary) Tri-Dam (Tulloch) PCWA - Fronch Masdows PCWA - Pronch Masdows PCWA - Oxbow NID - Oxtoh Filet #2 NID - Rolline MID - McSwall MWD Ettwands Community Renowable Energy Services Madora Power Silora Power Silora Power Diable Winds Buene Vista Wind Eden Velle Dality	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21,238 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21,238 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21,238 12,473 33,534 55,276 104,501 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21,238 35,156 75,924 55,209 104,523 0 0 0 0 0 0 0 0 0 0 0	21,236 35,256 76,044 55,371 104,630 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21,238 35,142,75,800 55,305 104,682,44,038 18,689 29,032,00 0 0 0 0 0 0	21,238 35,169 75,933 55,351 104,670 57,399 31,039 108,806 71,005 15,240 57,206 0 0 0 31,000 0 0	21,238 35,183 75,887 55,345 104,833 57,389 31,039 106,808 71,005 34,451 119,139 90,000 160,000 55,000 31,000 0	21,238 35,312,76,098 55,492,104,889 57,389 31,039 106,869 71,005 34,451 119,139 90,000 100,000 55,000 31,412,000 31,412,000

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Wheelabrator Co Unit 4 SFWP (fka OWID) - Sly Creek	21,238 21,238 21,2 35,183 36,183 35,1		Blomass Small Hydro	
SFWP (fka OWID) - Kelly Ridge	35.183 36.183 35.11 75.867 75.867 75.80	76,098	Small Hydro	
Tri-Dam (Beardsley)	55,345 55,345 55,3	5 55,462	Small Hydro	
Tri-Dam (Tulloch) PCWA - French Maadows	104,633 104,633 104,6 57,389 57,389 57,3		Small Hydro Small Hydro	
PCWA - Prench Meadows PCWA - Oxbow	31,039 31,039 31,03	9 1 31,039 1	Small Hydro	
NID - Dutch Flat #2	106.808 106.808 106.80	8 105,806	Small Hydro	
NID - Rollins	71,005 71,005 71,00	5 71,006	Small Hydro	
MID - McSwain MWD Etiwanda	34,451 34,451 34,44 119,139 119,130 119,1	51 34,451 19 119,139	Small Hydro Small Hydro	
Community Renewable Energy Services	90,000 90,000 90,00	00 90,000	Blomass	
Madera Power	160,000 160,000 160,00	00 180,000	Blomass	
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295	Calpine 2006 Contract	. 0	0	. 0			. 0	0	0		0	1,644,000	1,644,000	1,644,000	1,844,000
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298	Restructuring Contract		0	0		0	<u> </u>	0	0	0	0	<u> </u>	<u> </u>	1,533,000	7,533,000
297	Wadham 2008 Replacement Contract	0	C	0		0	0	0		0	0	<u> </u>	0	0	0 :
298	garage and the control of the contro	- Filter delta bereit Moderne e	Material Charles Mea	+ 1935-07 000 years maxim	Mark States (States)	oprocess Assess PARCETS	ocace. In semile come	ymeenekaabarta (Ket)	SPREED SPREED STATES OF THE SPREED	to a secure Victoria de Particiones	Magnis en lessatuent et	er mer ver er er er er er er	58 (40°00) (40°00) (40°00)	on the other transfer and a	Commence and the Commence of t
298	Contract Name	D	0.			0	ņ	0	0	0	0	JQ.	0 :	Ó	D 1

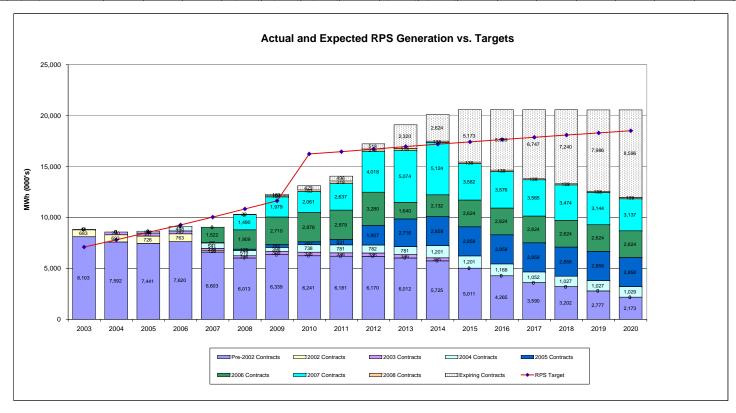
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295	Calpine 2006 Contract	1,644,000	1,644,000	1,644,000	1,644,000			Geothermal		
	Catpine Geysers Power - Baseload - 2008 QF Restructuring Contract									
296		1,533,000	1,533,000	1,533,000	1,533,000			Geothermal		
297	Wadham 2008 Replacement Contract	0	82,133	140,800	140,800			Blomass		
297 298	Albert Committee		Saturation to be an extended	propressor services and overlands of	povovedžio udenos isogi	Сункеваличника принцения странения в принцения в принцения в принцения в принцения в принцения в принцения в п	\$55,000 collaboration with protection colors	gant a la caracter y exemple of extracted begins the		
290	Contract Name	0	0	0	0					

RPS Compliance Report: Performance Chart

PACIFIC GAS AND ELECTRIC COMPANY

15-Aug-08

			Actual MWh				Forecast MWh			Forecast MWh	1				Forecast MWh			
RPS Procurement and Targets (MWh)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Total Retail Sales	71,099,363	73,616,302	72,726,639	76,692,370	79,450,904	79,981,029	81,148,828	82,303,173	83,557,799	84,787,673	85,958,632	87,086,000	88,220,317	89,339,120	90,416,877	91,483,173	92,549,173	93,615,173
Actual RPS Procurement %	11.7%	12.1%	11.8%	12.5%	11.8%	12.9%	15.3%	15.8%	16.7%	20.7%	23.0%	25.2%	25.7%	25.6%	25.1%	24.6%	24.1%	23.7%
IPT	N/A	710,994	736,163	727,266	766,924	794,509	799,810	4,597,953	230,869	250,925	245,975	234,192	225,474	226,863	223,761	215,551	213,259	213,200
APT % (Baseline for 2003)	N/A	11.0%	11.6%	12.7%	13.1%	13.6%	14.5%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%	20.0%
APT as MWh Amount	N/A	7,807,140	8,543,303	9,270,570	10,037,493	10,832,003	11,631,813	16,229,766	16,460,635	16,711,560	16,957,535	17,191,726	17,417,200	17,644,063	17,867,824	18,083,375	18,296,635	18,509,835
Preliminary Surplus/(Deficit)	1,731,918	767,836	107,059	(156,954)	(993,013)	(557,091)	592,958	(3,390,295)	(2,744,275)	569,325	2,539,775	4,439,908	4,977,478	4,954,484	4,519,297	4,171,751	3,762,038	3,397,813



RPS Compliance Report: Calculations

RPS E	Baseline Inputs (MWh)	
Line#	Calculation	Notes
1	User supplied data	Pursuant to D.07-03-046, the 2003 Initial Baseline Procurement Amount for the investor owned utilities (IOUs) is
2	User supplied data	calculated using the following equation:
<u>3</u>	User supplied data	2001 RPS Eligible Procurement X 2003 Total Retail Sales + 1% of 2001 Total
<u>4</u>	Baseline formula =	2001 Total Retail Sales Retail Sales

RPS Pr	rocurement and Targets (MWh)	
	Calculation	Notes
<u>5</u>	User supplied data	Annual Retail Sales
<u>6</u>	Data from "Procurement Detail" tab	In current and past years, this line should equal Total RPS Eligible Procurement in procurement detail tab.
<u>7</u>	Prior year Line 7 + Line 8	
8	1% of line 5 {Y-1}	
<u>9</u>	Line 6 - Line 7	
<u>10</u>	Line 7 / Line 5 {Y-1}	
11	Line 6 / Line 5 {Y-1}	In 2003, 2003 RPS procurement is divided by 2001 retail sales rather than 2002 retail sales.
<u>12</u>	(Line 6 + Line 17 + Line 25 + Line 30 + Line	RPS procurement percentage after applying flexible compliance, assuming all allowable planned deliveries
	34 + Line 36) / Line 5 {Y-1}	come online as planned.

Flexible Compliance - IPT Deferral	
Calculation	Notes
13 Up to 0.25% of Prior Year Retail Sales	The first year with an IPT, 100% of the IPT can be deferred for up to 3 years without explanation.
14-16 User supplied data	
17 Sum of Lines 14:16	Current year deficit carried forward. Warning if cell value is greater than Line 13.
18-20 Record of Lines 14:16	Deferred IPT obligations due in current year.
21 Sum of Lines 18-20	Total deferred IPT obligations due in current year
22-24 User supplied data	Past year IPT obligations retired with current year surplus procurement. Per accounting rules D. 06-10-050,
	Attachment A, page 9-10, current year deliveries may only be applied to past year IPT deficits after earmarked
	deliveries have been subtracted, and after any deliveries needed to meet current year APT have also been
	subtracted (D.03-06-0711, Conclusion of Law 25).
25 Sum of Lines 22-24	Total current year surplus applied to prior year IPT obligations due in current year

Flexible Compliance - Earmarking	xible Compliance - Earmarking	
Calculation	Notes	
26 Line 9 + Line 13 + Line 34	Portion of current year deficit greater than allowable IPT Deferral	
27-29 Data from "Earmarking Detail" tab	User supplied data	
30 Sum of Lines 27:29		
31-33 Data from "Earmarking Detail" tab	User supplied data. Current year deliveries may only be applied to past year deficits which have been	
	deferred by earmarking, after current year APT has been met (D.03-06-071), Conclusion of Law 25).	
34 Sum of Lines 31:33	Total current year surplus subtracted to meet prior years Earmarking obligations due in current year	

;	Surplus Procurement Bank		
		Calculation	Notes
	<u>35</u>	Line 38 {Y-1}	
	36	User supplied data	
	37	Line 9+ Line 25 + Line 34	Current year surplus procurement less any prior year IPT obligations and/or Earmarking obligations
ļ	38	Sum of Lines 35:37	

Adjusted Deficit		
	Calculation	Notes
<u>39</u>	Line 9 + balance of IPT obligations after 3	In any current year, the adjusted annual procurement deficit is the LSE's annual deficit less any deliveries
	years + balance of Earmarking obligations	used to meet IPT or Earmarking obligations for prior years deficits. Any portion of adjusted annual
	after 3 years	procurement deficit that remains after the following three years is subject to penalty.
<u>40</u>	Balance of IPT obligations after 3 years +	In any current year, the adjusted deficit temporarily excused is the sum of IPT deferral and Earmarked
	balance of Earmarking obligations after 3	deliveries (line 17+ line 30). Any portion of line 40 remaining after 3 years will be reflected in line 39 and
L		subject to penalty.
<u>41</u>	Line 39 * \$50.0	Per accounting rules, LSEs must list penalty based the size of on adjusted annual procurement deficit, even if
		allowable reasons are being given for why the penalty is not yet due and payable. Penalties are assessed at
L		\$0.05/kWh deficit.
<u>42</u>	(Line 39 + 40) * \$50.0	LSE's have the opportunity to make up annual procurement deficits through existing flexible compliance rules.
		Accordingly, if an LSE has a deficit in year 1, and is able to fully exercise flexible compliance mechanisms, the
		penalty for year 1 compliance may not apply.

OFFICER VERIFICATION FORM

I am an officer of the reporting corporation herein, and am authorized to make this verification on its behalf. The statements in the foregoing document are true of my own knowledge, except as to matters which are therein stated on information or belief, and as to those matters I believe them to be true. The spreadsheet format used to file this compliance report has not been altered from the version issued or approved by Energy Division.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on August 15, 2008 at San Francisco, California.

(Date)

/s/

Fong Wan, Vice President - Energy Procurement Pacific Gas and Electric Company